

09/284,516

\* \* \* \* \* STN Columbus \* \* \* \* \*

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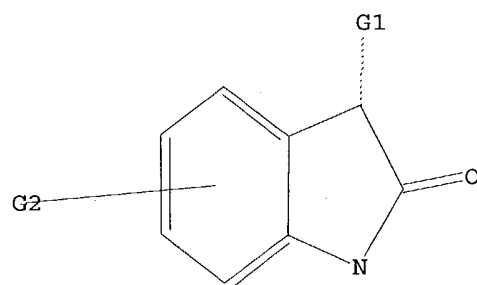
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H,O

G2 Ph,Hy

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

L2 346 SEA SSS FUL L1

=> file ca

=> s l2

L3 187 L2

=> file reg

=>

Uploading 09284516.str

L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

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L5 110 SEA SSS FUL L4

09/284,516

=> file ca

=> s l5

L6            57 L5

=> s l6 and py<2000

19351944 PY<2000

L7            47 L6 AND PY<2000

=> d ibib abs fhitr 1-47

L7 ANSWER 1 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 132:35611 CA  
 TITLE: Preparation of isatin derivatives as telomerase inhibitors and anticancer agents  
 INVENTOR(S): Gaeta, Federico C. A.; Galan, Adam A.; Kraynack, Erica

PATENT ASSIGNEE(S): A.  
 SOURCE: Geron Corporation, USA  
 PCT Int. Appl., 56 pp.  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

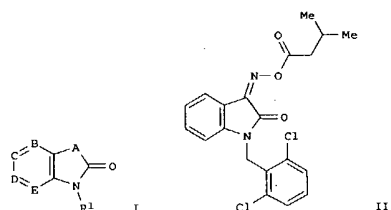
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9965875	A1	19991223	WO 1999-US13523	19990615

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, BG, BR, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9946857 A1 20000105 AU 1999-46857 19990615  
 PRIORITY APPLN. INFO.: US 1998-99061 19980617

WO 1999-US13523 19990615

OTHER SOURCE(S): CASREACT 132:35611; MARPAT 132:35611  
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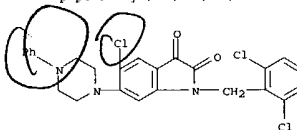
AB Methods and compns. for treating cancer are provided, as well as certain novel compds. In one aspect, the invention includes methods and compns.

L7 ANSWER 1 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 for treating cancer, which include telomerase-inhibiting compds. selected from the generic class of isatin 1 [R1 = H, alkyl, (hetero)aryl, (hetero)alkyl, etc.; A = CR2R3, C(CR4R5), C(X); X = NR6, O, S; R2-R5 = H, alkyl, (hetero)aryl, (hetero)alkyl, (un)substituted amino, etc.; R6

H, (un)substituted OH, alkyl, (hetero)aryl, etc.; B, C, D, E = (un)substituted CH, N]. Prepn. methods include, among others, (1) N-alkylation of unsubstituted isatin 1 [R1 = H] with corresponding benzyl chlorides, (2) formation of isatin 3-oximes from isatins, and (3) O-acylation of the 3-oximes with appropriate acyl chlorides. The compd. II had a particularly strong inhibitory action against telomerase, with an IC50 of 11 .mu.M in vitro.

IT 252579-15-0P  
 RL: RAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (target compd.; prepn. of isatin deriva. as telomerase inhibitors and anticancer agents)

RN 252579-15-0 CA  
 CN 1H-Indole-2,3-dione, 5-chloro-1-[(2,6-dichlorophenyl)methyl]-6-(4-phenyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



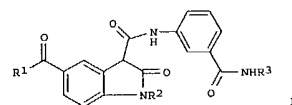
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L7 ANSWER 2 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 132:9027 CA  
 TITLE: Glycogen phosphorylase inhibitors for treatment of metabolic disorders  
 INVENTOR(S): Hulin, Bernard; Sarges, Reinhard  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 21 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5998463	A	19991207	US 1999-251141	19990216

PRIORITY APPLN. INFO.: US 1998-76132P P 19980227

GI



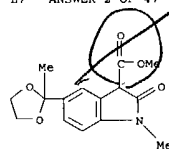
AB Pharmaceutical compns. for the treatment of glycogen phosphorylase-dependent diseases or conditions comprise 5-acyl-2-oxo-indole-3-carboxamides (I; C1-4 alkyl, C3-7 cycloalkyl, Ph, C1-4 alkoxy; halogen; R2

= C1-4 alkyl; R3 = C3-7 cycloalkyl, Ph, halogen, CF3) as inhibitors of glycogen phosphorylase. I may be combined with antidiabetic agents, such as insulin and analogs. Prepn. of 16 5-acyl-2-oxo-indole-3-carboxamides, including 5-acetyl-1-ethyl-2-oxo-2,3-dihydro-1H-indole-3-carboxylic acid (3-phenylcarbamoylphenyl)amide, was presented.

IT 251446-41-0P  
 RL: PHU (Preparation, unclassified); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent) (glycogen phosphorylase inhibitors for treatment of metabolic disorders)

RN 251446-41-0 CA  
 CN 1H-Indole-3-carboxylic acid, 2,3-dihydro-1-methyl-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, methyl ester (9CI) (CA INDEX NAME)

L7 ANSWER 2 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

09/284,516

L7 ANSWER 3 OF 47 CA COPYRIGHT 2004 ACS ON STN  
 ACCESSION NUMBER: 131:209113 CA  
 TITLE: Antimycobacterial isatin and oxindole derivatives for the treatment of mycobacterial diseases  
 INVENTOR(S): Ramachandran, Janakiraman  
 PATENT ASSIGNEE(S): Astra AB, Swed.  
 SOURCE: PCT Int. Appl., 26 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

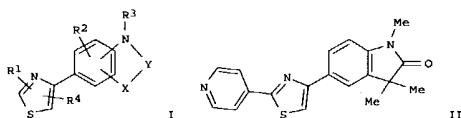
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9944608	A1	19990910	WO 1999-SE319	19990304
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, ES, FI, GB, GD, GE, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MW, MX, MY, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2320757	AA	19990910	CA 1999-2320757	19990304
AU 9927573	A1	19990920	AU 1999-27573	19990304
AU 735381	B2	20010705		
BR 9908510	A	20001121	BR 1999-8510	19990304
EP 1058548	A1	20001213	EP 1999-908059	19990304
EP 1058548	B1	20030917		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002505286	T2	20020219	JP 2000-534210	19990304
NZ 506217	A	20020531	NZ 1999-506217	19990304
AT 249828	E	20031015	AT 1999-908059	19990304
NO 2000004419	A	20001020	NO 2000-4419	20000905
HK 1030885	A1	20040130	HK 2001-101845	20010314
IN 1998-MA464 A 19980306				
SE 1998-1370 A 19980420				
WO 1999-SE319 W 19990304				

OTHER SOURCE(S): MARPAT 131:209113  
 AB The use of certain isatin and oxindole derivs. in the prepn. of a medicament for use in the treatment of mycobacterial diseases is disclosed. Thus, 1-nonyl-7-phenyl-1H-indol-2,3-dione was prepd. by the reaction of 1-bromononyl with 7-phenyl-1H-indole-2,3-dione (I). The MIC of I against Mycobacterium tuberculosis was 1.0 to 2.0 µg/ml.  
 IT 150561-92-5P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological)

L7 ANSWER 4 OF 47 CA COPYRIGHT 2004 ACS ON STN  
 ACCESSION NUMBER: 130:252351 CA  
 TITLE: Preparation of thiazoles as antiinflammatories  
 INVENTOR(S): Taji, Kiyoshi; Tabuchi, Seichiro; Eikyū, Yoshiteru; Tojo, Takashi  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 147 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

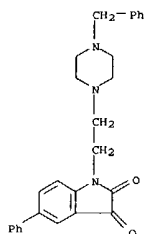
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915524	A1	19990401	WO 1998-JP4275	19980922
W: AU, BR, CA, CN, DE, JP, KR, MX, RU, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9890966	A1	19990412	AU 1998-90966	19980922
JP 2001517666	T2	20011009	JP 2000-512829	19980922
PRIORITY APPLN. INFO.: AU 1997-9367 A 19970923				
AU 1998-3591 A 19980519				
WO 1998-JP4275 W 19980922				

OTHER SOURCE(S): MARPAT 130:252351  
 GI



AB The title compds. [I; R1 = NH2, alkylamino, (un)substituted heterocyclic ring contg. nitrogen, etc.; R2 = H, OH, alkyl, alkoxy; R3 = H, (un)substituted alkyl, acyl, cycloalkyl; R2 and R3 may be linked together to form lower alkylene; R4 = H, alkyl, halo, alkylthio; X = (un)substituted alkylene, cycloalkylidene, CO, S; Y = (un)substituted alkylene; X and Y may be linked together to form alkenylene; X and N are resp. bonded to the adjoining carbon atoms on the benzene ring], useful in the treatment of inflammatory conditions, autoimmune diseases, INF-gamma mediated diseases and TNF-mediated diseases, were prepd. Thus, treatment of a mixt. of 5-[2-(4-pyridyl)thiazol-4-yl]oxindole and NaN in DMF with MeI afforded II which showed 91.6% inhibition of Con A-induced hepatitis in mice at 32 mg/kg.  
 IT 221691-49-2P  
 RL: BAC (Biological activity or effector, except adverse); BSU

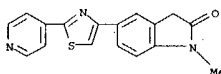
L7 ANSWER 3 OF 47 CA COPYRIGHT 2004 ACS ON STN (Continued)  
 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (antimycobacterial isatin and oxindole derivs. for treatment of mycobacterial diseases)  
 RN 150561-92-5 CA  
 CN 1H-Indole-2,3-dione,  
 5-phenyl-1-[2-[4-(phenylmethyl)-1-piperazinyl]ethyl]-  
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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L7 ANSWER 4 OF 47 CA COPYRIGHT 2004 ACS ON STN (Continued)  
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (prepn. of thiazoles as antiinflammatories)  
 RN 221691-49-2 CA  
 CN 2H-Indol-2-one, 1,3-dihydro-1-methyl-5-[2-(4-pyridinyl)-4-thiazolyl]-  
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

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L7 ANSWER 5 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 130:218317 CA  
 TITLE: AMPA antagonists for the treatment of dyskinesias associated with dopamine agonist therapy  
 INVENTOR(S): Chenard, Bertrand Leo; Menniti, Frank Samuel; Welch, Willard McKewan, Jr.  
 PATENT ASSIGNEE(S): Pfizer Products Inc., USA  
 SOURCE: Eur. Pat. Appl., 22 pp.  
 CODEN: EPXDXW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 900568	A2	19990310	EP 1998-307181	19980904
EP 900568	A3	20010502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11158072	A2	19990615	JP 1998-245269	19980831
JP 2001316267	A2	20011113	JP 2001-134816	19980831
AU 9883120	A1	19990318	AU 1998-83120	19980904
AU 736254	B2	20010726		
NZ 331741	A	20000825	NZ 1998-331741	19980904
US 6136812	A	20001024	US 1998-148974	19980904
ZA 9808139	A	20000322	ZA 1998-8139	19980907
CA 2246839	AA	19990305	CA 1998-2246839	19980908
CA 2246839	C	20021112		
PRIORITY APPLN. INFO.:			US 1997-58098P	P 19970905
			JP 1998-245269	A3 19980831

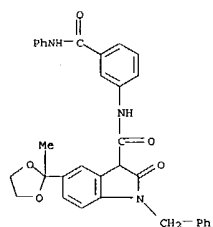
OTHER SOURCE(S): MARPAT 130:218317  
 AB The invention relates to a method of treating dyskinesias assocd. with dopamine agonist therapy in a mammal which comprises administering to said mammal a compd., as defined herein, which is an antagonist of the AMPA receptor. Dopamine agonist therapy, as referred to in the present invention, is generally used in the treatment of a central nervous system disorder such as Parkinson's disease. One example compd. of the 212 claimed was (S)-3-(2-chlorophenyl)-2-[2-(5-diethylaminomethyl-2-fluorophenyl)vinyl]-6-fluoro-3H-quinazolin-4-one.  
 IT 221151-88-8  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (AMPA antagonists for treatment of dyskinesias assocd. with dopamine agonist therapy)  
 RN 221151-88-8 CA  
 CN 1H-Indole-3-carboxamide, 2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-N-[3-[(phenylamino)carbonyl]phenyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 6 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 129:316240 CA  
 TITLE: 5,7-Disubstituted 4-aminopyrido[2,3-d]pyrimidine compounds and their use as adenosine kinase inhibitors  
 INVENTOR(S): Bhagwat, Shripad S.; Lee, Chih-hung; Cowart, Marlon D.; McKie, Jeffrey; Grillot, Anne Laure  
 PATENT ASSIGNEE(S): Abbott Laboratories, USA  
 SOURCE: PCT Int. Appl., 172 pp.  
 CODEN: FTXDX2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9846605	A1	19981022	WO 1998-US7207	19980414
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9871083	A1	19981111	AU 1998-71083	19980414
TR 9902455	T2	20000121	TR 1999-9902455	19980414
EP 989986	A1	20000405	EP 1998-918093	19980414
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
BR 9809055	A	20000808	BR 1998-9055	19980414
JP 2001520655	T2	20011030	JP 1998-544088	19980414
ZA 980177	A	19990122	ZA 1998-3177	19980415
NO 9905036	A	19991015	NO 1999-5036	19991015
MX 9909513	A	20000228	MX 1999-9513	19991015
PRIORITY APPLN. INFO.:			US 1997-838216	A 19970416
			WO 1998-US7207	W 19980414

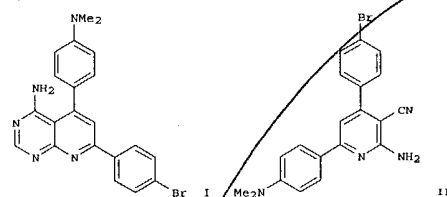
OTHER SOURCE(S): MARPAT 129:316240  
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L7 ANSWER 5 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

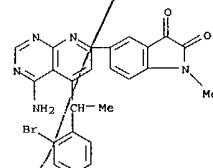


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L7 ANSWER 6 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



AB Title compds. such as I were prepd. as adenosine kinase inhibitors. Thus, aminopyridinecarbonitrile II was refluxed in formamide to give I. II was prepd. from 4'-promacetophenone, 4-(dimethylamino)benzaldehyde, malononitrile, and ammonium acetate.  
 IT 214700-41-1P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of adenosine kinase inhibitor)  
 RN 214700-41-1 CA  
 CN 1H-Indole-2,3-dione, 5-[4-amino-5-[1-(2-bromophenyl)ethyl]pyrido[2,3-d]pyrimidin-7-yl]-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

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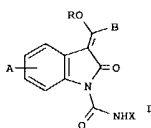
L7 ANSWER 7 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 126:343489 CA  
 TITLE: Preparation of heteroarylindole-1-carboxamides as cyclooxygenase-2 inhibitors  
 INVENTOR(S): Binder, Dieter; Weinberger, Josef; Pyerin, Michael; Dostl, Manfred  
 PATENT ASSIGNEE(S): Chemisch Pharmazeutische Forschungs-Gesellschaft m.b.H., Austria; Binder, Dieter; Weinberger, Josef; Pyerin, Michael; Dostl, Manfred  
 SOURCE: PCT Int. Appl., 34 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9713767	A1	19970417	WO 1996-EP4293	19961002

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA  
 AU 9672840 A1 19970430 AU 1996-72840 19961002

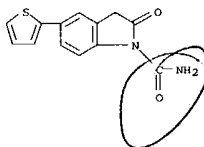
PRIORITY APPLN. INFO.: AT 1995-1669 19951009  
 WO 1996-EP4293 19961002

OTHER SOURCE(S): MARPAT 126:343489  
 GI



AB Title compds. [I; A = (un)substituted heteroaryl; B = (un)substituted heteroaryl; R = H or CHR1O2CR2; R1,R2 = alkyl, aryl, alkoxy, etc.; X = H or (un)substituted (hetero)aryl] were prepd. Thus, Me 5-bromo-2-nitrophenylacetate was arylated by 2-thiopheneboronic acid and

L7 ANSWER 7 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 the product reductively cyclized to give 1,3-dihydro-5-(2-thienyl)-2H-indol-2-one which was treated with ClSO2NCO and the product acylated with thiophene-2-carbonyl chloride to give I [A = 5-(2-thienyl), B = 2-thienyl].  
 R = X = H]. Data for biol. activity of I were given.  
 IT 189748-09-29  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. of heteroarylindole-1-carboxamides as cyclooxygenase-2 inhibitors)  
 RN 189748-09-2 CA  
 CN 1H-Indole-1-carboxamide, 2,3-dihydro-2-oxo-5-(2-thienyl)- (9CI) (CA INDEX NAME)



NO

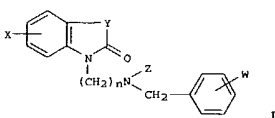
L7 ANSWER 8 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 122:239719 CA  
 TITLE: 1-substituted isatin and oxindole derivatives as inhibitors of acetylcholinesterase  
 INVENTOR(S): Boar, Bernard Robin; Oshea, Dennis Mark; Tomlinson, Ian David  
 PATENT ASSIGNEE(S): Astra AB, Swed.  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9429272	A1	19941222	WO 1994-SE448	19940513

W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN  
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  
 CA 2164119 AA 19941222 CA 1994-2164119 19940513  
 AU 9470108 A1 19950103 AU 1994-70108 19940513  
 EP 703901 A1 19960403 EP 1994-919032 19940513  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, JP 08511515 T2 19961203 JP 1994-501642 19940513  
 NO 9505074 A 19960207 NO 1995-5074 19951214  
 FI 9506074 A 19951218 FI 1995-6074 19951218

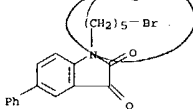
PRIORITY APPLN. INFO.: SE 1993-2080 19930616  
 WO 1994-SE448 19940513

OTHER SOURCE(S): MARPAT 122:239719  
 GI



AB The title compds. [I; W = hydrogen, lower alkyl, lower alkoxy, halogen; X = hydrogen, lower alkyl, aryl, lower alkoxy, halogen, trifluoromethyl, nitro, NHCOR, (un)substituted NH2; R = lower alkyl, aryl; Y = CO, (un)substituted CH2; Z = lower alkyl; n = 3-7] [e.g., 5'-(1-piperidiny)]-

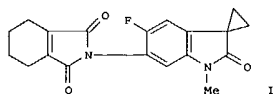
L7 ANSWER 8 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 spiro-[1,3-dioxolane-2,3'-(3H)-indol]-2'-(1'H)-one], useful as acetylcholinesterase inhibitors (no data) for the treatment of cognitive dysfunction (no data), Alzheimer's disease (no data), Down's syndrome (no data), Parkinson's disease (no data), glaucoma (no data), etc. (no data), are prepd. and 1-contg. formulations presented.  
 IT 162401-01-69  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (1-substituted isatin and oxindole-deriv. inhibitors of acetylcholinesterase)  
 RN 162401-01-6 CA  
 CN 1H-Indole-2,3-dione, 1-(5-bromopentyl)-5-phenyl- (9CI) (CA INDEX NAME)



NO

09/284,516

L7 ANSWER 9 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 122:112898 CA  
 TITLE: Preparation and alkylation of regioisomeric tetrahydrophthalimide-substituted indolin-2(3H)-ones  
 AUTHOR(S): Karp, Gary M.; Condon, Michael E.  
 CORPORATE SOURCE: Agric. Res. Div., American Cyanamid Co., Princeton, NJ, 08543-0400, USA  
 SOURCE: Journal of Heterocyclic Chemistry (1994), 31(6), 1513-20  
 CODEN: JHTCAD; ISSN: 0022-152X  
 PUBLISHER: HeteroCorporation  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 GI



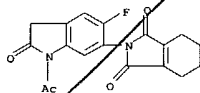
AB A series of novel regioisomeric tetrahydrophthalimidine-substituted indolin-2-ones was prepd. via the Sommelet-Hauser type cyclization of appropriately substituted anilines as potential herbicides (no test data).

The resultant indolin-2-ones were then regioselectively alkylated at N-1 and C-3 to give 1,3,3-trisubstituted indolin-2-ones. The most active series was also prepd. by the bis-nitration of m-fluorophenylacetic acid followed by redn. and cyclization to give 6-amino-5-fluoroindolin-2-one. Elaboration to the tetrahydrophthalimide-substituted indolin-2-one was followed by C- and N-alkylation to give the desired compds. An example compd. is 2-(5'-Fluoro-1',2'-dihydro-1'-methyl-2'-oxospiro[cyclopropane-1,3'-[3H]indol]-6'-yl)-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione (I).

IT 150544-03-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of herbicides (tetrahydrophthalimidolindolinones))

RN 150544-03-9 CA  
 CN 2H-Indol-2-one; 1-acyl-5-fluoro-6-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)-1,3-dihydro- (9CI) (CA INDEX NAME)



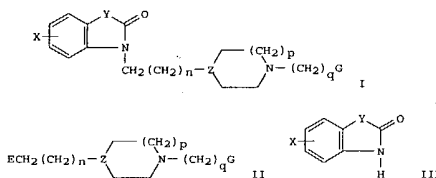
L7 ANSWER 10 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 119:225964 CA  
 TITLE: Isatin derivative cholinesterase inhibitors and processes for their preparation  
 INVENTOR(S): Boar, Bernard Robin; Cross, Alan John  
 PATENT ASSIGNEE(S): Aktiebolaget Astra, Swed.  
 SOURCE: PCT Int. Appl., 70 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9312085	A1	19930624	WO 1992-SE873	19921216
<p>W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KR, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, RO, RU, SD, SE, UA            RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BP, BJ, CP, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG</p>				
ZA 9209700	A	19930810	ZA 1992-9700	19921214
AU 9331759	A1	19930719	AU 1993-31759	19921216
AU 675055	B2	19970123		
EP 624156	A1	19941117	EP 1993-900490	19921216
<p>R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE</p>				
JP 07502272	T2	19950309	JP 1992-510848	19921216
HU 69704	A2	19950928	HU 1994-1844	19921216
SK 278321	B6	19961002	SK 1994-734	19921216
PL 170736	B1	19970131	PL 1992-304124	19921216
CN 1079464	A	19931215	CN 1992-115358	19921218
CN 1034939	B	19970521		
NO 9402316	A	19940617	NO 1994-2316	19940617
FI 9402913	A	19940817	FI 1994-2913	19940617
US 5585378	A	19961217	US 1995-467695	19950606
<p>PRIORITY APPLN. INFO.: SE 1991-3752 19911218            WO 1992-SE873 19921216            US 1992-992407 19921217            US 1995-417724 19950406</p>				

OTHER SOURCE(S): MARPAT 119:225964  
 GI

L7 ANSWER 9 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

L7 ANSWER 10 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

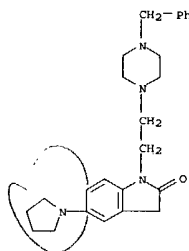


AB The title compds. I [G = (un)substituted Ph, (un)substituted cyclohexyl; X

= H, alkyl, aryl, aryloxy, CN, alkoxy, halogen, hydroxy, NO2, CF3, alkylsulfonamido, etc.; Y = CO, R4CR3; R3, R4 = H, alkyl, alkoxy; Z = N, CH; n = 1-3; q = 1, 2; R3R4 = cyclic acetal], useful as cholinesterase inhibitors in the treatment of cognitive dysfunction, are prepd. by the condensation haloalkyl-substituted heterocyclic deriv. II (5 = halogen) with indole deriv. III or by the corresponding condensation of haloalkyl-substituted indole deriva. with phenylalkyl-substituted piperazine deriva. Thus, 5-methyl-1H-indole-2,3-dione was condensed with 1-(2-chloroethyl)-4-(phenylmethyl)piperazine, and the condensate treated with ethanolic HCl, producing 5-methyl-1-[2-[4-(phenylmethyl)-1-piperazinyl]ethyl]-1H-indole-2,3-dione dihydrochloride (m.p. 270-275.degree., decompn.).

IT 150561-75-4B  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (prepn. and cholinesterase inhibitory activity of)

RN 150561-75-4 CA  
 CN 2H-Indol-2-one; 1,3-dihydro-1-[2-[4-(phenylmethyl)-1-piperazinyl]ethyl]-5-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

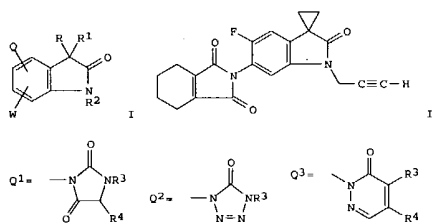


L7 ANSWER 10 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

L7 ANSWER 11 OF 47 CA COPYRIGHT 2004 ACS on STN

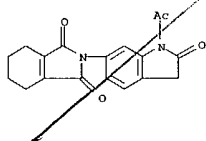
ACCESSION NUMBER: 119:225817 CA  
 TITLE: Preparation of substituted indolinones as herbicidal agents  
 INVENTOR(S): Condon, Michael Edward; Karp, Gary Mitchell  
 PATENT ASSIGNEE(S): American Cyanamid Co., USA  
 SOURCE: Eur. Pat. Appl., 38 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 549892	A1	19930707	EP 1992-120159	19921126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
US 5252536	A	19931012	US 1991-815674	19911231
JP 05255246	A2	19931005	JP 1992-358800	19921228
CA 2086359	AA	19930701	CA 1992-2086359	19921229
AU 9230464	A1	19930708	AU 1992-30464	19921230
AU 652500	B2	19940825		
PRIORITY APPLN. INFO.:			US 1991-815674	19911231
OTHER SOURCE(S):			MARPAT 119:225817	
GI				



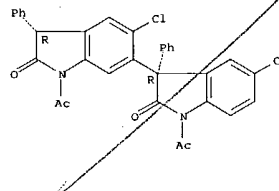
AB Title compds. [I; R, R1 = H, (hydroxy)alkyl, alkoxy, alkylthio, alkenyl, alkynyl, (substituted) cycloalkyl; R R1 = atoms to form (unsatd.) (O-, S-,

L7 ANSWER 11 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 or N-interrupted) C3-7 rings; R2 = H, alkenyl, alkynyl, cyclopropylmethyl, (substituted) (cyclo)alkyl; W = H, halo; Q = Q1, Q2, Q3, etc.; R3, R4 = (halo) (cyclo)alkyl; R3R4 = atoms to complete a (substituted) (O-, S-, or N-interrupted) (unsatd.) 4-7 membered ring], were prepd. Thus, title compd. II, prepd. in several steps starting from 3-FC6H4CH2CO2H via 6-amino-5-fluoro-2-indolinone, at 0.050 kg/ha preemergent gave complete control of barnyardgrass while having only minimal effect on rice.  
 IT 150544-09-5P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of, as herbicide)  
 RN 150544-09-5 CA  
 CN 2H-Indol-2-one, 1'-acetyl-6'-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)-1,3-dihydro- (9CI) (CA INDEX NAME)



L7 ANSWER 12 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 116:216335 CA  
 TITLE: A tandem Cope-Claisen rearrangement reaction of meso-3,3'-diphenylleucoisoidindigos  
 AUTHOR(S): Suyama, Tetsuo; Kato, Takeshi; Morita, Yutaka; Miyamae, Hiroshi  
 CORPORATE SOURCE: Fac. Pharm. Sci., Josai Univ., Saitama, 350-02, Japan  
 SOURCE: Heterocycles (1992), 33(1), 127-30  
 CODEN: HETCYAM; ISSN: 0385-5414  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB A rearrangement reaction of meso-3,3'-diphenylleucoisoidindigos was examd. Structures of the products were detd. as 3,6'-biindolinones by x-ray analyses. The proposed reaction mechanism was a tandem Cope-Claisen-type rearrangement.  
 IT 141357-57-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, by rearrangement of dichlorodiphenylleucoisoidindigo, mechanism of)  
 RN 141357-57-5 CA  
 CN [3,6'-Bi-2H-indole]-2,2'-dione, 1,1'-diacetyl-5,5'-dichloro-1,1',3,3'-tetrahydro-3,3'-diphenyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.





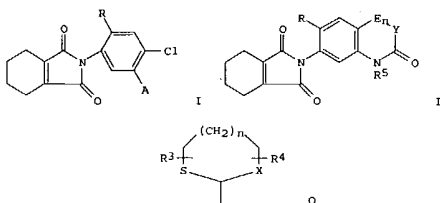
09/284,516

L7 ANSWER 13 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 114:77037 CA  
 TITLE: Preparation of N-phenyl-3,4,5,6-tetrahydropthalimide derivatives as plant desiccants and abscission agents  
 INVENTOR(S): Grossmann, Klaus; Mulder, Christian E. G.; Wuerzer, Bruno  
 PATENT ASSIGNEE(S): BASF A.-G., Germany  
 SOURCE: Ger. Offen., 34 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

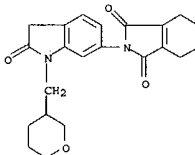
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3905916	A1	19900830	DE 1989-3905916	19890225
IL 93438	A1	19940731	IL 1990-93438	19900219
EP 385231	A1	19900905	EP 1990-103204	19900220
EP 385231	B1	19960918		
R: BE, CH, DE, ES, FR, GB, GR, IT, LI, NL				
US 5045105	A	19910903	US 1990-481262	19900220
ES 2092476	T3	19961201	ES 1990-103204	19900220
BR 9000838	A	19910205	BR 1990-838	19900221
CA 2010827	AA	19900825	CA 1990-2010827	19900223
CA 2010827	C	20000425		
AU 9050113	A1	19900830	AU 1990-50113	19900223
AU 620968	B2	19920227		
ZA 9001383	A	19911030	ZA 1990-1383	19900223
US 37664	E	20020416	US 1996-618234	19960319
PRIORITY APPLN. INFO.:			DE 1989-3905916	A 19890225
			US 1990-481262	A5 19900220
			US 1993-115595	B1 19930903
			US 1994-294789	B1 19940808

OTHER SOURCE(S): CASREACT 114:77037; MARPAT 114:77037  
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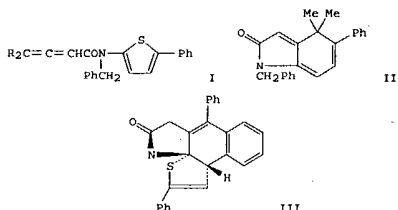
L7 ANSWER 13 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



AB The title compds. I and II (R = H, F, Cl; A = H, cyanoalkyl, CH:CR1CO2R2, or Q; R1 = H, Cl, Br, CN, alkyl; R2 = H, alkyl, alkenyl, alkynyl, etc.;  
 R3 = H, alkyl, hydroxyalkyl, haloalkyl, etc.; R4 = H, alkyl, hydroxyalkyl, haloalkyl, etc.; R5 = H, alkyl, alkenyl, alkynyl, Bz, tetrahydrofurfuryl, etc.; X = O, S; Y = X, CHR4; Z = X, NR6; R6 = alkyl, alkenyl, alkynyl, alkoxyalkyl; E = O, CH2; n = 0, 1) are prepd. as desiccants and defoliantes. The reaction of 4-chloro-3-(1,3-dithiolan-2-yl)aniline (prepn. given) with cyclohexene-1,2-dicarboxylic acid anhydride in AcOH gave I (R = H, A = 1,3-dithiolan-2-yl). In greenhouse expts., I (R = H, A = CH:CR5CO2Me) totally defoliated cotton.  
 IT RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of, as plant defoliant and desiccants)  
 RN 132058-15-2 CA  
 CN 1H-Indole-1,3(2H)-dione.  
 2-[2,3-dihydro-2-oxo-1-[(tetrahydro-2H-pyran-3-yl)methyl]-1H-indol-6-yl]-4,5,6,7-tetrahydro- (9CI) (CA INDEX NAME)

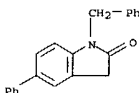


L7 ANSWER 14 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 113:97378 CA  
 TITLE: The thiophene nucleus as a diene or a dienophile in the intramolecular Diels-Alder reaction of N-(2-thienyl)allenecarboxamides  
 AUTHOR(S): Himbert, Gerhard; Schlindwein, Hans Juergen; Maas, Gerhard  
 CORPORATE SOURCE: Fachber. Chem., Univ. Kaiserslautern, Kaiserslautern, D-6750, Germany  
 SOURCE: Journal of the Chemical Society, Chemical Communications (1990), (5), 405-6  
 CODEN: JCCCAT; ISSN: 0022-4936  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 113:97378  
 GI



AB N-(2-Thienyl)allenecarboxamides undergo an intramol. Diels-Alder reaction, whereby, as a function of the substituents in the allenic .omega.-position, the thiophene nucleus acts as a diene (2 H atoms or 2 Me groups) or as a dienophile (2 Ph groups in the allenic .omega.-position). Thus, dimethylallenecarboxamide I (R = Me) gives (4H)-indolinone II, while diphenylallenecarboxamide I (R = Ph) is too unstable to isolate at room temp., but reacts to give oxopyrrolonaphthothiophene III, whose structure was detd. by X-ray crystallog.  
 IT RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 128764-90-9 CA  
 CN 2H-Indol-2-one, 1,3-dihydro-5-phenyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 14 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



*No use*

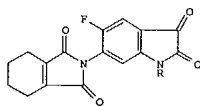
L7 ANSWER 15 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 111:174127 CA  
 TITLE: Preparation of heterocyclyloxobenzazoles and -azines as herbicides  
 INVENTOR(S): Ganser, Michael; Franke, Wilfried; Dorfmeister, Gabrielle; Johann, Gerhard; Arndt, Friedrich; Rees, Richard  
 PATENT ASSIGNEE(S): Schering A.-G., Fed. Rep. Ger.  
 SOURCE: Eur. Pat. Appl., 43 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 311135	A2	19890412	EP 1988-116762	19881010
EP 311135	A3	19890906		
EP 311135	B1	19930602		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3734745	A1	19890420	DE 1987-3734745	19871009
IL 87887	A1	19930404	IL 1988-87887	19880930
DD 282847	A5	19900926	DD 1988-320543	19881006
SU 1722204	A3	19920323	SU 1988-4356592	19881006
DK 8805634	A	19890410	DK 1988-5634	19881007
FI 8804625	A	19890410	FI 1988-4625	19881007
FI 92585	B	19940831		
FI 92585	C	19941212		
AU 8823568	A1	19890413	AU 1988-23568	19881007
AU 614775	B2	19910912		
BR 8805182	A	19890523	BR 1988-5182	19881007
JP 01157977	A2	19890621	JP 1988-252230	19881007
JP 2765873	H2	19880618		
ZA 8807559	A	19890628	ZA 1988-7559	19881007
HU 49356	A2	19890928	HU 1988-5224	19881007
HU 207330	B	19930329		
CN 1032479	A	19890426	CN 1988-109124	19881008
AT 90091	E	19930615	AT 1988-116762	19881010
ES 2058206	T3	19941101	ES 1988-116762	19881010
PRIORITY APPLN. INFO.:			DE 1987-3734745	19871009

L7 ANSWER 16 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 111:133986 CA  
 TITLE: Preparation of inatin derivatives as herbicides  
 INVENTOR(S): Haga, Toru; Nagano, Hideyoshi; Enomoto, Masayuki; Morita, Koichi; Sato, Makoto  
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JXXXXP  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

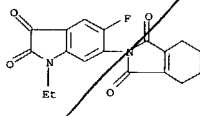
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 6331770	A2	19881221	JP 1987-150700	19870616
PRIORITY APPLN. INFO.:			JP 1987-150700	19870616

OTHER SOURCE(S): MARPAT 111:133986  
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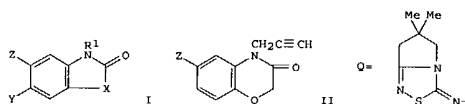
AB The title compds. (I; R = lower alkyl, alkenyl, alkynyl), useful as herbicides, were prepd. N-(5-Fluoro-2,3-dioxindolin-6-yl)-3,4,5,6-tetrahydrophthalimide (prepn. given) was successively treated with NaH and propargyl bromide to give I (R = CH<sub>2</sub>C≡CH) (II). At 20 g/are, II gave complete control of Indian mallow.

IT 121716-58-3P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of, as herbicide)  
 RN 121716-58-3 CA  
 CN 1H-Indole-2,3-dione, 1-ethyl-5-fluoro-6-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-indol-2-yl)- (PCI) (CA INDEX NAME)



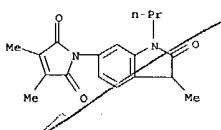
L7 ANSWER 15 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 EP 1988-116762 19881010

OTHER SOURCE(S): CASREACT 111:174127; MARPAT 111:174127  
 GI



AB The title compds. (I; R<sub>1</sub> = H, (un)substituted C1-5 alkyl, C3-5 alkenyl, etc.; X = (CR<sub>2</sub>R<sub>3</sub>)nW, CR<sub>2</sub>:V in which V and W are bound to Ph-moiety; V = CR<sub>1</sub>, W = CR<sub>4</sub>R<sub>5</sub>, NR<sub>6</sub>, O, S; R<sub>2</sub>-R<sub>5</sub> = H, halo, C1-3 (halo)alkyl; R<sub>6</sub> = H, Me, halomethyl; Y = H, F, Cl; Z = 1 specific and 7 general heterocyclyl; n = 0, 1) were prepd. Aminobenzoxazinone II (Z = NH<sub>2</sub>) was stirred 10 h with Cl<sub>2</sub>CS in CH<sub>2</sub>Cl<sub>2</sub> contg. CaCO<sub>3</sub> to give 84% II (Z = NCS) which was added at 5 degree. to a soln. of 2-amino-4,4-dimethyl-1-pyrroline in CH<sub>2</sub>Cl<sub>2</sub> and the whole stirred 3 h with warming to 20 degree. whereupon the soln. was cooled to -20 degree. Br added, and stirring continued 1 h with warming to 10 degree. to give 25% II (Z = pyrrolothiadiazolylideneimino group O) which gave complete kill of 9 weeds and no effect on wheat at 0.1 kg/ha postemergent.

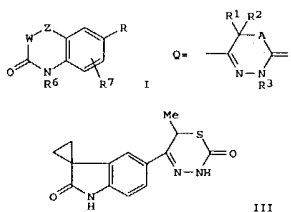
IT 123249-70-7P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of, as herbicide)  
 RN 123249-70-7 CA  
 CN 1H-Pyrrole-2,5-dione, 1-(2,3-dihydro-3-methyl-2-oxo-1-propyl-1H-indol-6-yl)-3,4-dimethyl- (9CI) (CA INDEX NAME)



L7 ANSWER 17 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 111:97293 CA  
 TITLE: Preparation of substituted thiadiazinylindolones or quinolones useful in the treatment of heart or asthmatic diseases  
 INVENTOR(S): Martin, Michel; Nadler, Guy; Zimmermann, Richard  
 PATENT ASSIGNEE(S): Laboratoires Sobio S. A., Fr.  
 SOURCE: Eur. Pat. Appl., 59 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 303418	A2	19890215	EP 1988-307281	19880805
EP 303418	A3	19901107		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DK 8804452	A	19890212	DK 1988-4452	19880809
AU 8820566	A1	19890216	AU 1988-20566	19880809
ZA 8805841	A	19890927	ZA 1988-5841	19880809
US 4933336	A	19900612	US 1988-230314	19880809
JP 01110681	A2	19890427	JP 1988-198136	19880810
PRIORITY APPLN. INFO.:			GB 1987-18957	19870811
			GB 1988-11276	19880512

OTHER SOURCE(S): MARPAT 111:97293  
 GI



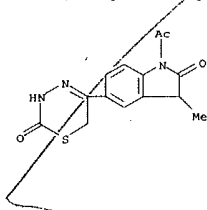
L7 ANSWER 17 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 ring O, N, or S; or R4R5 = O, CH2; R6 = H, lower alkyl, alkylcarbonyl, heteroarylcarbonyl, aralkylcarbonyl, (un)substituted CONH2, lower alkoxy carbonyl, aryloxy carbonyl; R7 = H, lower alkyl; R8, R9 = H, Cl-3 alkyl; n = 0, 1; X = O, S; A = O, S (II), were prepd.  
 5-[(2-chloro-1-oxopropyl)spiro(cyclopropane-1,3'-[3H]-indol)-2'-(1'H)-one (prepn. given), MeOC(S)NHNH2, and MeCN were refluxed 6 h to give 49% thiadiazinylindolone (III). III at 0.03 mg/kg p.o. showed cardiotoxic activity in male beagle dogs with first deriv. of left ventricular pressure (dp/dt, mmHg/s) = +105 and heart rate (beats/min) = +21.

IT 122280-65-3P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of, as cardiotoxic and antiaesthetic)

RN 122280-65-3 CA

CN 2H-Indol-2-one, 1-acetyl-5-(3,6-dihydro-2-oxo-2H-1,3,4-thiadiazin-5-yl)-1,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



L7 ANSWER 18 OF 47 CA COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 111:52803 CA  
 TITLE: A new look at the rearrangement of adrenochrome under biomimetic conditions  
 AUTHOR(S): Palumbo, Anna; D'Iechia, Marco; Misuraca, Giovanna; Prota, Giuseppe  
 CORPORATE SOURCE: Fac. Farm., Univ. Napoli, Naples, I-80134, Italy  
 SOURCE: Biochimica et Biophysica Acta (1989), 990(3), 297-302  
 CODEN: BBACQ; ISSN: 0006-3002

DOCUMENT TYPE: Journal

LANGUAGE: English

AB At physiolog. pH values, the rearrangement of adrenochrome leads, besides adrenolutin, to a major dimeric compd. consisting of an adrenolutin moiety

covalently linked to the angular 9-position of adrenochrome. When the reaction is carried out in air, the initially generated adrenolutin undergoes autoxidn. to give 5,6-dihydroxy-1-methylisatin (DHMI), which smoothly oxidized to the 4,4'-dimer. Under an O2-depleted atm.,

formation

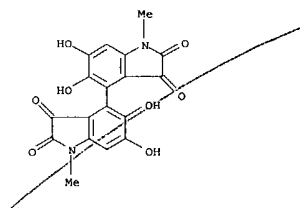
of these latter compds. is prevented, and the rearrangement of adrenochrome leads mainly to the adrenochrome dimer (apprx. 50% yield) along with adrenolutin and 5,6-dihydroxy-1-methylindole (DHMI) in apprx. 10% yield each. The product distribution is markedly dependent on the concn. of the aminochrome undergoing rearrangement, the nature of the buffer system used, and the pH of the medium. Heavy metal ions of common occurrence in biol. systems, such as Cu2+, Zn2+, or Co2+, significantly direct the reaction course toward the formation of adrenolutin, whereas Fe2+ and other cations with low redox potentials induce the almost exclusive formation of DHMI.

IT 121404-59-9P

RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation) (formation of, in adrenochrome rearrangement under biomimetic conditions)

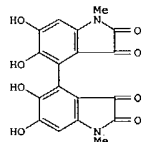
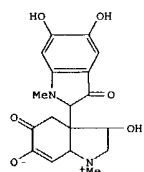
RN 121404-59-9 CA

CN [4,4'-Bi-1H-indole]-2,2',3,3'-tetrone, 5,5',6,6'-tetrahydroxy-1,1'-dimethyl- (9CI) (CA INDEX NAME)



L7 ANSWER 19 OF 47 CA COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 111:39078 CA  
 TITLE: Adrenalin oxidation revisited. New products beyond the adrenochrome stage  
 AUTHOR(S): D'Iechia, Marco; Palumbo, Anna; Prota, Giuseppe  
 CORPORATE SOURCE: Dep. Org. Biol. Chem., Univ. Napoli, Naples, I-80134, Italy  
 SOURCE: Tetrahedron (1988), 44(20), 6441-6  
 CODEN: TETRA; ISSN: 0040-4020  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 111:39078  
 GI



AB In neutral aq. buffer adrenochrome, the first isolable intermediate in the oxidn. of adrenalin, undergoes rearrangement to give, besides adrenolutin, a yellow compd. which was assigned the dimeric structure I. Under anaerobic conditions, compd. I is the major reaction product (apprx. 60%).

In the presence of air a more complex pattern of products is formed including, besides I the hitherto unknown 5,6-dihydroxy-1-methyl-2,3-indolone and the 4,4'-dimer II.

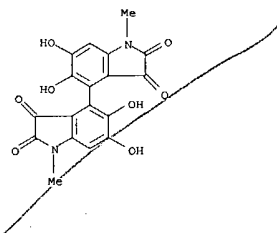
IT 121404-59-9P

RL: FORM (Formation, nonpreparative); PREP (Preparation)  
 (formation of, in autoxidn. of adrenochrome)

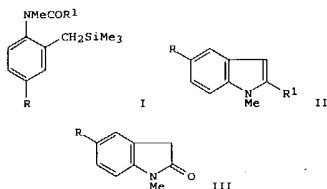
RN 121404-59-9 CA

CN [4,4'-Bi-1H-indole]-2,2',3,3'-tetrone, 5,5',6,6'-tetrahydroxy-1,1'-dimethyl- (9CI) (CA INDEX NAME)

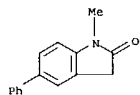
L7 ANSWER 19 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 20 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 109:230711 CA  
 TITLE: Intramolecular Peterson olefination of  
 o-[(trimethylsilyl)methyl]anilides: a new synthesis  
 of  
 N-methylindoles  
 AUTHOR(S): Bartoli, Giuseppe; Bosco, Marcella; Dalpozzo, Renato;  
 Todesco, Paolo E.  
 CORPORATE SOURCE: Dip. Sci. Chim., Univ. Camerino, Camerino, I-62032,  
 Italy  
 SOURCE: Journal of the Chemical Society, Chemical  
 Communications (1988), (12), 807-8  
 CODEN: JCCCAT; ISSN: 0022-4936  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 109:230711  
 GI



AB Intramol. cyclization of (silylmethyl)anilides I (R = OMe, Cl; R1 =  
 CH:CHPh, Ph, C6H4Cl-4) by LiN(CHMe2)2 in THF gave 78-98% N-methylindoles  
 II. Similarly, I (R = OMe, Ph, R1 = OMe) gave 85-98% indolones III. I  
 are obtained in good yield by a general, chemoselective, 1-pot method of  
 reductive alkylation of p-RC6H4NO2 (R = MeO, Cl, Ph) with Me3SiCH2MgCl  
 and  
 then LiAlH4, followed by N-acylation by R1COCl and N-methylation.  
 IT 117616-11-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 117616-11-2 CA  
 CN 2H-Indol-2-one, 1,3-dihydro-1-methyl-5-phenyl- (9CI) (CA INDEX NAME)



L7 ANSWER 21 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 109:210892 CA  
 TITLE: 1,3-Di-substituted 2-oxindoles, their preparation,  
 pharmaceutical compositions containing them, and  
 their  
 use as analgesic and antiinflammatory agents  
 INVENTOR(S): Kadin, Saul B.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 19 pp. Cont.-in part of U.S. Ser. No. 619,861,  
 abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4721712	A	19880126	US 1984-670697	19841113
IN 163263	A	19880827	IN 1985-DE42	19850122
EP 153818	A2	19850904	EP 1985-300724	19850204
EP 153818	A3	19860129		
EP 153818	B1	19890115		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
RO 90621	B1	19861210	RO 1985-117533	19850204
RO 93218	B3	19871231	RO 1985-121802	19850204
EP 276500	A2	19880803	EP 1987-201673	19850204
EP 276500	A3	19890412		
EP 276500	B1	19910515		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 41420	E	19890415	AT 1985-300724	19850204
AT 63543	E	19910615	AT 1987-201673	19850204
ES 540133	A1	19860316	ES 1985-540133	19850205
CS 252480	B2	19870917	CS 1985-785	19850205
CA 1255657	A1	19890613	CA 1985-473576	19850205
IL 74251	A1	19900118	IL 1985-74251	19850205
IL 85348	A1	19900118	IL 1985-85348	19850205
FI 8500491	A	19850808	FI 1985-491	19850206
FI 81796	B	19900831		
FI 81796	C	19901210		
NO 8500443	A	19850808	NO 1985-443	19850206
NO 165798	B	19910102		
NO 165798	C	19910410		
AU 8538467	A1	19850815	AU 1985-38467	19850206

L7 ANSWER 20 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

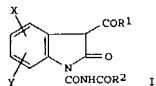
L7 ANSWER 21 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

ACCESSION NUMBER	DATE	ACCESSION NUMBER	DATE
AU 552760	B2	19860619	
DK 8500526	A	19850920	DK 1985-526
DK 162839	B	19911216	
DK 162839	C	19920504	
JP 60248669	A2	19851209	JP 1985-20163
JP 04013340	B4	19920309	
HU 37753	A2	19860228	HU 1985-452
HU 193942	B	19871228	
DD 234417	A5	19860402	DD 1985-273087
ZA 8500888	A	19860924	ZA 1985-888
HU 194166	B	19880128	HU 1985-4686
HU 39159	A2	19860828	
PL 145196	B1	19880831	PL 1985-251869
PL 145230	B1	19880831	PL 1985-255466
PL 145310	B1	19880930	PL 1985-255465
CS 252498	B2	19870917	CS 1985-8156
CS 252499	B2	19870917	CS 1985-8157
ES 548944	A1	19860401	ES 1985-548944
ES 548943	A1	19860416	ES 1985-548943
US 4658037	A	19870414	US 1985-814719
DD 244133	A5	19870325	DD 1986-288635
IN 169128	A	19910907	IN 1987-DE631
IN 172535	A	19930918	IN 1987-DE632
CA 1289556	A2	19910924	CA 1989-592243
FI 82448	B	19901130	FI 1989-4363
FI 82448	C	19910311	
NO 9001351	A	19850808	NO 1990-1351
NO 171018	B	19921005	
NO 171018	C	19930113	
PRIORITY APPLN. INFO.:			
		US 1984-577903	19840207
		US 1984-619861	19840612
		US 1984-670697	19841113
		IN 1985-DE42	19850122
		US 1985-693696	19850122

L7 ANSWER 21 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

EP 1985-300724	19850204
EP 1987-201673	19850204
CA 1985-473576	19850205
CS 1985-785	19850205
IL 1985-74251	19850205
FI 1985-491	19850206
NO 1985-443	19850206

OTHER SOURCE(S): CASREACT 109:210892; MARPAT 109:210892  
GI



AB 2-Oxindoles I [X = H, F, Cl, Br, alkyl, Bz, etc.; Y = H, F, Cl, Br, alkyl, cycloalkyl, alkoxy, alkylthio, CF<sub>3</sub>; XY = 4,5-, 5,6-, 6,7-OCH<sub>2</sub>O or -OCH<sub>2</sub>CH<sub>2</sub>O, or complete a carbocyclic or oxa- or thiocarbocyclic ring; R<sub>1</sub>

= (cyclo)alkyl, (un)substituted Ph, phenylalkyl, or phenoxyalkyl, R<sub>2</sub> = (cyclo)alkyl, PhOCH<sub>2</sub>, furyl, thienyl, pyridyl, R<sub>3</sub>R<sub>4</sub>C<sub>6</sub>H<sub>3</sub>; R<sub>3</sub>, R<sub>4</sub> = H, F, Cl, alkyl, alkoxy, CF<sub>3</sub>] and their pharmaceutically acceptable base salts, inhibitors of cyclooxygenase and lipooxygenase and thus useful as analgesics and antiinflammatory agents (no data), were prepd. by 3 methods. A soln. of Na in EtOH was successively treated with 2-oxindole and 2-furoyl chloride to give 3-(2-furoyl)-2-oxindole which was refluxed with BzNCO in PhMe 7 h to give I (R<sub>1</sub> = 2-furyl, R<sub>2</sub> = Ph, X = Y = H).

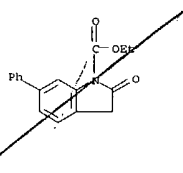
IT 100487-84-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, as intermediate for oxindole analgesic and antiinflammatory agents)

RN 100487-84-1 CA

CN 1H-indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

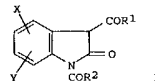
L7 ANSWER 21 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 22 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

IL 1985-76405	19850918
US 1987-1261	19870107

OTHER SOURCE(S): CASREACT 108:131580  
GI



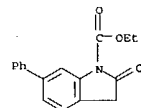
AB Title compds. I [X = H, Br, Cl, F, Cl-4 alkyl, C3-7 cycloalkyl, Cl-4 alkoxy, Cl-4 alkylthio, F3C, O<sub>2</sub>N, Ph, etc.; Y = H, Br, Cl, F, Cl-4 alkyl, C3-7 cycloalkyl, Cl-4 alkoxy, Cl-4 alkylthio, F3C; R<sub>1</sub> = Cl-6 alkyl, C3-7 cycloalkyl, (un)substituted Ph, (un)substituted phenylalkyl, (un)substituted phenoxyalkyl, etc.; R<sub>2</sub> = Cl-5 alkyl] and their salts, useful as analgesic and antiinflammatory agents (no data), are prepd. 3-(2-thenoyl)-2-oxindole, prepd. by acylation of 2-oxindole, in DMF was added to 4-(dimethylamino)pyridine, the resulting mixt. treated with Ac<sub>2</sub>O in DMF, and then poured in H<sub>2</sub>O and HCl, to give I (X, Y = H; R<sub>1</sub> = thienyl; R<sub>2</sub> = Me).

IT 100487-84-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(prepn. and cyclization of)

RN 100487-84-1 CA

CN 1H-indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 22 OF 47 CA COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 108:131580 CA

TITLE: Preparation and formulation of analgesic and antiinflammatory 1,3-diacyl-2-oxindole compounds

INVENTOR(S): Kadin, Saul B.

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 652,372, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

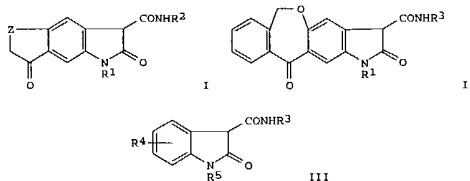
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4690943	A	19870901	US 1985-747194	19850620
FI 8503163	A	19860320	FI 1985-3163	19850816
FI 80270	B	19900131		
FI 80270	C	19900510		
EP 175551	A1	19860326	EP 1985-306479	19850912
EP 175551	B1	19890510		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 42950	E	19890515	AT 1985-306479	19850912
ES 547054	A1	19860716	ES 1985-547054	19850917
HU 38906	A2	19860728	HU 1985-3496	19850917
HU 194165	B	19880128		
PL 145950	B1	19881231	PL 1985-255399	19850917
CA 1256104	A1	19890620	CA 1985-490913	19850917
DK 8504224	A	19860320	DK 1985-4224	19850918
DK 162443	B	19911028		
DK 162443	C	19920323		
AU 8547561	A1	19860410	AU 1985-47561	19850918
AU 556948	B2	19861127		
IL 76405	A1	19900319	IL 1985-76405	19850918
IL 87454	A1	19900319	IL 1985-87454	19850918
JP 61078765	A2	19860422	JP 1985-207738	19850919
JP 04009781	B4	19920221		
US 4752609	A	19880621	US 1987-1261	19870107
US 4808601	A	19890228	US 1988-196187	19880519
PRIORITY APPLN. INFO.:			US 1984-652372	19840919
			US 1985-747194	19850620
			EP 1985-306479	19850912

09/284,516

L7 ANSWER 23 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 108:112227 CA  
 TITLE: Preparation and formulation of oxindolecarboxamides and derivatives as antiinflammatory agents  
 INVENTOR(S): Melvin, Lawrence S., Jr.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 21 pp. Cont.-in-part of U.S. 4,644,005.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

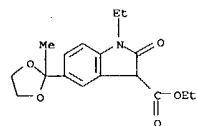
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4686224	A	19870811	US 1985-762998	19850806
US 4644005	A	19870217	US 1984-666953	19841031
IL 76854	A1	19890515	IL 1985-76854	19851028
IL 87997	A1	19900726	IL 1985-87997	19851028
EP 181136	A2	19860514	EP 1985-307794	19851029
EP 181136	A3	19871028		
EP 181136	B1	19920325		
PL 145239	B1	19880831	PL 1985-255990	19851029
PL 150842	B1	19900731	PL 1985-262327	19851029
AT 74128	E	19920415	AT 1985-307794	19851029
DK 8504976	A	19860501	DK 1985-4976	19851030
DK 163990	B	19920427		
DK 163990	C	19920921		
FI 8504258	A	19860501	FI 1985-4258	19851030
FI 81340	B	19900629		
FI 81340	C	19901010		
AU 8549189	A1	19860508	AU 1985-49189	19851030
AU 555051	B2	19860911		
JP 61109767	A2	19860528	JP 1985-243813	19851030
JP 03078854	B4	19911217		
HU 39428	A2	19860929	HU 1985-4158	19851030
HU 194168	B	19880128		
CA 1247099	A1	19881220	CA 1985-494220	19851030
ES 554609	A1	19870816	ES 1986-554609	19860430
PRIORITY APPLN. INFO.:			US 1984-666953	19841031

L7 ANSWER 23 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 US 1985-762998 19850806  
 IL 1985-76854 19851028  
 EP 1985-307794 19851029  
 OTHER SOURCE(S): CASREACT 108:112227  
 GI



AB Title compds. I [R1 = C1-3 alkyl, Ph; R2 = (un)substituted Ph, pyridyl, 2-thiazolyl, 5-methyl-2-thiazolyl; Z = O, CH2], II (R3 = R2), and III [R3 = (un)substituted Ph, 2-thiazolyl, 5-methyl-2-thiazolyl, -3-isoxazolyl, 2-thiadiazolyl, 2-pyrimidyl; R4 = C2-6 alkanoyl, C4-6 cycloalkanoyl, C2-3 alkoxy-carbonyl, 2-thenoyl, (un)substituted benzoyl, thenylacetyl, at 5-, 6-, 7-position of oxindole; R5 = H, C1-3 alkyl] and their salts, useful  
 as antiinflammatory agents (no data). were prepd. Et 5-benzoyloxindole-3-carboxylate and 4-FC6H4NH2 in C6H6 were heated to reflux, the reaction cooled, HCl added, and the org. phase sepd. to give III (R3 = 4-FC6H4; R4 = 5-benzoyl; R5 = Et).  
 IT 104018-62-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and amidation of)  
 RN 104018-62-4 CA  
 CN 1H-Indole-3-carboxylic acid, 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)

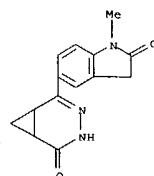
L7 ANSWER 23 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 24 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 107:70811 CA  
 TITLE: 2-Aryl-3,4-diazabicyclo[4.n.0]alk-2-en-5-ones as drugs  
 INVENTOR(S): Geiss, Karl Heinz; Thyes, Marco; Koenig, Morat; Lehmann, Hans Dieter; Traut, Martin; Gries, Josef; Kossy, Phillip A.  
 PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 7 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3535170	A1	19870416	DE 1985-3535170	19851002
JP 62081314	A2	19870414	JP 1986-225076	19860925
EP 220519	A2	19870506	EP 1986-113417	19860930
EP 220519	A3	19890913		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
US 4772598	A	19880920	US 1986-914729	19861001
PRIORITY APPLN. INFO.:			DE 1985-3535170	19851002

GI For diagram(s), see printed CA Issue.  
 AB The title compds. I (R-R4 = H, alkyl; m, n = 1-3) are prepd. as drugs for the treatment of heart insufficiency. The reaction of indolin-2-one with cyclobutanedicarboxylic acid anhydride, in AlCl3-contg. DMF gave cis-2-(indolin-2-on-5-yl)cyclobutanedicarboxylic acid, which was refluxed with H2NH2.H2O in EtOH for 11 h, to give 2-(indolin-2-on-5-yl)-3,4-diazabicyclo[4.2.0]oct-2-en-5-one (II). Tablets were made of II 10, polyvinylpyrrolidone 170, polyethylene glycol 14, hydroxypropylmethylcellulose 40, talc 4 and Mg stearate 2 mg.  
 IT 85123-66-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of, as drug for cardiac insufficiency)  
 RN 85123-66-6 CA  
 CN 3,4-Diazabicyclo[4.1.0]hept-4-en-2-one, 5-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)

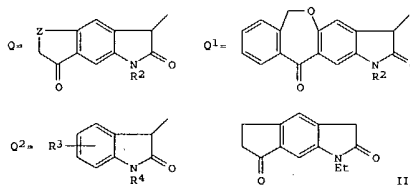


L7 ANSWER 24 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

L7 ANSWER 25 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 105:152922 CA  
 TITLE: Oxindole antiinflammatory agents  
 INVENTOR(S): Lawrence, Melvin Sherman, Jr.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 68 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

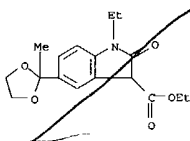
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 181136	A2	19860514	EP 1985-307794	19851029
EP 181136	A3	19871028		
EP 181136	B1	19920325		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4644005	A	19870217	US 1984-666953	19841031
US 4686224	A	19870811	US 1985-762998	19850806
AT 74128	E	19920415	AT 1985-307794	19851029
PRIORITY APPLN. INFO.:			US 1984-666953	19841031
			US 1985-762998	19850806
			EP 1985-307794	19851029

OTHER SOURCE(S): CASREACT 105:152922  
 GI



AB Oxindolecarboxamide deriva. RCONHR1 [I; R = Q-Q2; R1 = pyridyl, 2-thiazolyl, 5-methyl-2-thiazolyl, 2-thiadiazolyl, 2-pyrimidyl, (un)substituted Ph; R2 = Ph, alkyl; R3 = alkanoyl, cycloalkanoyl, alkoxyalkenyl, 2-thenoyl, PhCH2CO, (un)substituted Bz; R4 = H, alkyl; Z =

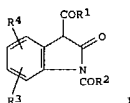
L7 ANSWER 25 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 O, CH2) are prepd. as antiinflammatory agents (no data). Thus, cyclopenta[f]indole deriv. II (prepd. in 5 steps from 1-ethyloxindole) added to NaH in DMF, followed by 2,4-F2C6H3NCO, to give 79% I (R = Q, R1 = 2,4-F2C6H3, R2 = Et, Z = CH2). Approx. 74 other I and several synthetic intermediates are also prepd.  
 IT 104018-62-4P  
 RL RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and amidation of, by difluoroaniline)  
 RN 104018-62-4 CA  
 CN 1H-Indole-3-carboxylic acid, 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 26 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 105:133745 CA  
 TITLE: 1,3-Diacetyl-2-oxindoles  
 INVENTOR(S): Kadin, Saul Bernard  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 46 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 175551	A1	19860326	EP 1985-306479	19850912
EP 175551	B1	19890510		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4690943	A	19870901	US 1985-747194	19850620
AT 42950	E	19890515	AT 1985-306479	19850912
PRIORITY APPLN. INFO.:			US 1984-652372	19840919
			US 1985-747194	19850620
			EP 1985-306479	19850912

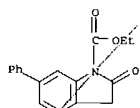
GI



AB The title comds. [I; R1 = naphthyl, cycloalkyl, cycloalkenyl, (un)substituted alkyl, R2 = alkyl; R3 = H, F, Cl, Br, allyl, cycloalkyl, alkoxy, alkylthio, CF3; R4 = R3, alkylsulfinyl, alkylsulfonyl, NO2, Ph, alkanoyl, Bz, thenoyl, alkanamido, BzNH, dialkylsulfamoyl] were prepd. as analgesics and antiinflammatories (no data). Thus, 13.3 g oxindole was acylated with 16.8 g Et 3-furoate to give 0.705 g 3-(3-furoyl)oxindole. This was acetylated to give 73% I (R1 = 3-furoyl, R2 = Me, R3 = R4 = H).  
 IT 100487-84-1P  
 RL RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and deethoxycarbonylation of)  
 RN 100487-84-1 CA  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

09/284,516

L7 ANSWER 26 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 27 OF 47 CA COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 105:42644 CA  
 TITLE: N,3-Disubstituted 2-oxindole-1-carboxamides as analgesic and antiinflammatory agents  
 INVENTOR(S): Kadin, Saul B.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 20 pp. Cont.-in-part of U.S. Ser. No. 607,356, abandoned  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

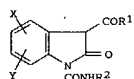
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4569942	A	19860211	US 1985-714012	19850322
IN 161509	A	19871219	IN 1985-DE288	19850408
EP 164860	A1	19851218	EP 1985-303044	19850430
EP 164860	B1	19890705		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
EP 244918	A2	19871111	EP 1987-200969	19850430
EP 244918	A3	19890222		
EP 244918	B1	19900613		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 44380	E	19890715	AT 1985-303044	19850430
AT 53576	E	19900615	AT 1987-200969	19850430
DK 8501976	A	19851105	DK 1985-1976	19850502
DK 162644	B	19911125		
DK 162644	C	19920413		
JP 60243068	A2	19851203	JP 1985-95275	19850502
JP 03035315	B4	19910527		
DD 232916	A5	19860212	DD 1985-275898	19850502
IL 75077	A1	19880331	IL 1985-75077	19850502
CA 1255658	A1	19890613	CA 1985-480573	19850502
FI 8501756	A	19851105	FI 1985-1756	19850503
FI 80016	B	19891229		
FI 80016	C	19900410		
NO 8501774	A	19851105	NO 1985-1774	19850503
NO 163132	B	19900102		
NO 163132	C	19900411		
AU 8541938	A1	19851107	AU 1985-41938	19850503

L7 ANSWER 27 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

AU 554290	B2	19860814		
ES 542813	A1	19860716	ES 1985-542813	19850503
ZA 8503324	A	19861230	ZA 1985-3324	19850503
RO 91141	B3	19870630	RO 1985-118604	19850503
RO 94455	B3	19880630	RO 1985-123678	19850503
PL 145416	B1	19880930	PL 1985-253203	19850503
PL 147508	B1	19890630	PL 1985-257892	19850503
CS 252828	B2	19871015	CS 1985-3202	19850504
RU 2017729	C1	19940815	RU 1985-3891002	19850504
CN 85103527	A	19870128	CN 1985-103527	19850506
CN 1009197	B	19900815		
HU 37754	A2	19860228	HU 1985-1693	19850531
HU 196057	B	19880928		
ES 551275	A1	19870716	ES 1986-551275	19860127
CS 252847	B2	19871015	CS 1986-1189	19860220
SU 1468413	A3	19890323	SU 1986-4027453	19860512
IN 165980	A	19900217	IN 1986-DE1077	19861209
CA 1287626	A2	19910813	CA 1989-592245	19890228
PRIORITY APPLN. INFO.:			US 1984-607356	19840504
			US 1985-714012	19850322
			IN 1985-DE288	19850408
			EP 1985-303044	19850430
			EP 1987-200969	19850430
			CA 1985-480573	19850502
			CS 1985-3202	19850504

OTHER SOURCE(S):  
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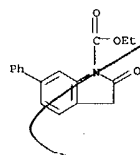
CASREACT 105:42644



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L7 ANSWER 27 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

AB Oxindolecarboxamides I (X = H, F, Cl, Br, NO<sub>2</sub>, alkyl, cycloalkyl, alkoxy, acyl, CF<sub>3</sub>, etc.; Y = H, F, Cl, Br, alkyl, cycloalkyl, alkoxy, alkylthio; XY = OCH<sub>2</sub>O, OCH<sub>2</sub>CH<sub>2</sub>O; XY complete a 5- or 6-membered carbocycle or 5-membered oxa- or thiocarbocycle; R<sub>1</sub> = alkyl, cycloalkyl, cycloalkenyl, (un)substituted phenyl- or phenoxyalkyl, bicycloheptanyl, etc.; R<sub>2</sub> = alkyl, cycloalkyl, PhCH<sub>2</sub>, furyl, thienyl, pyridyl, (un)substituted Ph), useful as analgesics and antiinflammatories at 0.02-1.0 g/day, were  
 prepd. 3-Acetyl-2-oxindole in PhMe was treated with PhNCO and the mixt. refluxed 7 h to give I (R<sub>1</sub> = Me, R<sub>2</sub> = Ph, X = Y = H).  
 IT 100487-84-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and decarboxylation of)  
 RN 100487-84-1 CA  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)





L7 ANSWER 28 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 105:24187 CA  
 TITLE: 3-Substituted 2-oxindole-1-carboxamides as analgesic and antiinflammatory agents  
 Kadin, Saul B.  
 INVENTOR(S): Pfizer Inc., USA  
 PATENT ASSIGNEE(S): U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 590,659, abandoned.  
 SOURCE: CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

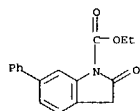
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4556672	A	19851203	US 1984-684634	19841221
IN 162090	A	19880326	IN 1985-DE147	19850221
EP 156603	A2	19851002	EP 1985-301808	19850315
EP 156603	A3	19860212		
EP 156603	B1	19890823		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
CA 1251441	A1	19890321	CA 1985-476605	19850315
AT 45731	E	19890915	AT 1985-301808	19850315
DK 8501213	A	19850920	DK 1985-1213	19850318
DK 162090	B	19910916		
DK 162090	C	19920224		
FI 8501069	A	19850920	FI 1985-1069	19850318
FI 82042	B	19900928		
FI 82042	C	19910110		
NO 8501054	A	19850920	NO 1985-1054	19850318
NO 165799	B	19910102		
NO 165799	C	19910410		
AU 8540059	A1	19850926	AU 1985-40059	19850318
AU 549927	B2	19860220		
ES 541372	A1	19851216	ES 1985-541372	19850318
HU 37398	A2	19851228	HU 1985-992	19850318
HU 196178	B	19881028		
DD 232039	A5	19860115	DD 1985-274214	19850318
ZA 8501991	A	19861126	ZA 1985-1991	19850318
IL 74631	A1	19880731	IL 1985-74631	19850318
IL 85130	A1	19880731	IL 1985-85130	19850318

L7 ANSWER 28 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 ACCESSION NUMBER: 105:24187 CA  
 TITLE: 3-Substituted 2-oxindole-1-carboxamides as analgesic and antiinflammatory agents  
 Kadin, Saul B.  
 INVENTOR(S): Pfizer Inc., USA  
 PATENT ASSIGNEE(S): U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 590,659, abandoned.  
 SOURCE: CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PhMe to give N-isobutyryl-5-chloro-2-oxindole-1-carboxamide which was hydrolyzed with 1N KOH to give 5,2-Cl(H<sub>2</sub>NCONH)C<sub>6</sub>H<sub>3</sub>CH<sub>2</sub>CO<sub>2</sub>H. This was cyclized with (F<sub>3</sub>CCO)<sub>2</sub>O in refluxing F<sub>3</sub>CCO<sub>2</sub>H 1 h to give 5-chloro-2-oxindole-1-carboxamide which was acylated with 2-thenoyl chloride in DMF and 4-(dimethylamino)pyridine to give I (R<sub>1</sub> = 2-thienyl, R<sub>2</sub> = 5-Cl, R<sub>3</sub> = H).

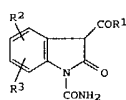
IT 100487-84-1P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and decarboethoxylation of)

RN 100487-84-1 CA  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 28 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 SU 1445556 A3 19881215 SU 1985-3869754 19850318  
 PL 145951 B1 19881231 PL 1985-252434 19850318  
 JP 60209564 A2 19851022 JP 1985-55627 19850319  
 JP 04037076 B4 19920618  
 RO 90952 B3 19870227 RO 1985-118055 19850319  
 CS 249539 B2 19870312 CS 1985-1920 19850319  
 CN 85101028 A 19870117 CN 1985-101028 19850401  
 CN 1008733 B 19900711  
 CN 85101795 A 19870408 CN 1985-101795 19850401  
 CN 1003855 B 19890412  
 FI 8904540 A 19890926 FI 1989-4540 19890926  
 FI 82449 B 19901130  
 FI 82449 C 19910311  
 JP 04235165 A2 19920824 JP 1991-132826 19910604  
 JP 05061269 B4 19930906  
 PRIORITY APPLN. INFO.: US 1984-590659 19840319  
 US 1984-684634 19841221  
 EP 1985-301808 19850315  
 FI 1985-1069 19850318  
 IL 1985-74631 19850318

OTHER SOURCE(S): CASREACT 105:24187  
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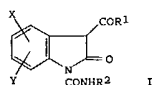


AB Oxindoles I (R<sub>1</sub> = C1-6 alkyl, C3-7 cycloalkyl, (un)substituted Ph, naphthyl, (CH<sub>2</sub>)<sub>n</sub>OR (O = divalent heterocycle radical; R = H, C1-3 alkyl), etc.; R<sub>2</sub> = H, F, Br, Cl, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy, alkylthio, -sulfanyl, -sulfonyl, NO<sub>2</sub>, Ph, C2-4 alkanoyl, Bz, thenoyl, C2-4 alkanamido, BzNH, di-C1-3 alkylsulfamoyl, CF<sub>3</sub>; R<sub>3</sub> = H, F, Cl, Br, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy, alkylthio, CF<sub>3</sub>; R<sub>2</sub>R<sub>3</sub> = 4,5-, 5,6-,

L7 ANSWER 29 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 104:224834 CA  
 TITLE: N,3-disubstituted 2-oxindole-1-carboxamides as analgesic and antiinflammatory agents  
 Kadin, Saul B.  
 INVENTOR(S): Pfizer Inc., USA  
 PATENT ASSIGNEE(S): Eur. Pat. Appl., 71 pp.  
 SOURCE: CODEN: EPXADW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

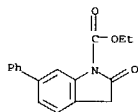
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 164860	A1	19851218	EP 1985-303044	19850430
EP 164860	B1	19890705		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4569942	A	19860211	US 1985-714012	19850322
EP 244918	A2	19871111	EP 1987-200969	19850430
EP 244918	A3	19890222		
EP 244918	B1	19900613		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 44380	E	19890715	AT 1985-303044	19850430
CS 252847	B2	19871015	CS 1986-1189	19860220
IN 165980	A	19900217	IN 1986-DE1077	19861209
CA 1287626	A2	19910813	CA 1989-592245	19890228
PRIORITY APPLN. INFO.: US 1984-607356 19840504				
US 1985-714012 19850322				
IN 1985-DE288 19850408				
EP 1985-303044 19850430				
CA 1985-480573 19850502				
CS 1985-3202 19850504				

GI



AB The title compds. I (X = H, Br, Cl, F, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy, -alkylthio, Ph, thenoyl, etc.; Y = H, Br, Cl, F, CF<sub>3</sub>, etc.; XY =

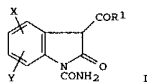
L7 ANSWER 29 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 OCH<sub>2</sub>O, etc.; R1 = C1-6 alkyl, C3-7 cycloalkyl, C4-7 cycloalkyl, C4-7  
 cycloalkenyl, (un)substituted Ph, etc.; R2 = C1-6 alkyl, C3-7 cycloalkyl,  
 (un)substituted Ph, heterocyclyl) useful as analgesics and  
 antiinflammatory agents, were prepd. Thus, 3-acetyl-2-oxindole in PhMe  
 was added to PhNCO and refluxed for 7 h to give I (X, Y = H; R1 = Me; R2  
 = Ph).  
 IT 100487-84-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (prepn. and hydrolysis of)  
 RN 100487-84-1 CA  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester  
 (9CI) (CA INDEX NAME)



L7 ANSWER 30 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 104:109468 CA  
 TITLE: 3-Substituted 2-oxindole-1-carboxamides as analgesic  
 and antiinflammatory agents  
 INVENTOR(S): Kadin, Saul Bernard  
 PATENT ASSIGNER(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 87 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

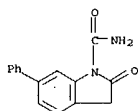
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 156603	A2	19851002	EP 1985-301808	19850315
EP 156603	A3	19860212		
EP 156603	B1	19890823		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4556672	A	19851203	US 1984-684634	19841221
AT 45731	E	19890915	AT 1985-301808	19850315
PRIORITY APPLN. INFO.:			US 1984-590659	19840319
			US 1984-684634	19841221
			EP 1985-301808	19850315

GI



AB The title compds. I (X = H, halo, C1-4 alkyl, C3-7 cycloalkyl, C1-4  
 alkoxy, alkylthio, CF<sub>3</sub>, NO<sub>2</sub>, Ph, C2-4 alkanoyl, etc.; Y = H, halo, C1-4  
 alkyl, alkoxy, alkylthio, C3-7 cycloalkylthio, CF<sub>3</sub>, XY = 4,5-, 5,6- or  
 6,7-ethylene- or -methylenedioxy, etc.; R1 = C1-6 alkyl, C3-7 cycloalkyl,  
 (un)substituted Ph, C4-7 cycloalkenyl, naphthyl, (CH<sub>2</sub>)<sub>n</sub>OR, etc., Q =  
 heterocyclyl, R = H, C1-3 alkyl; n = 0-2) and their salts, useful as  
 analgesics and inflammation inhibitors, were prepd. Thus,  
 5-chloro-2-oxindole-1-carboxamide in 4-(dimethylamino)pyridine was  
 reacted  
 with 2-thenoyl chloride to give 5-chloro-3-(2-thenoyl)-2-oxindole-1-  
 carboxamide (I; X = 5-Cl, Y = H, R1 = 2-thienyl). The analgesic and  
 antiinflammatory activities of I were demonstrated in mice and rats,  
 resp.  
 IT 100599-23-3P

L7 ANSWER 30 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (prepn. and acylation of)  
 RN 100599-23-3 CA  
 CN 1H-Indole-1-carboxamide, 2,3-dihydro-2-oxo-6-phenyl- (9CI) (CA INDEX  
 NAME)



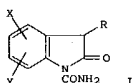
L7 ANSWER 31 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 104:109466 CA  
 TITLE: 2-Oxindole-1-carboxamides and their intermediates  
 INVENTOR(S): Crawford, Thomas Charles  
 PATENT ASSIGNER(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 64 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 155828	A2	19850925	EP 1985-301807	19850315
EP 155828	A3	19860205		
EP 155828	B1	19900919		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
IN 162626	A	19880618	IN 1985-DE155	19850226
CA 1250832	A1	19890307	CA 1985-476599	19850315
AT 56704	E	19901015	AT 1985-301807	19850315
DK 8501214	A	19850920	DK 1985-1214	19850318
DK 163662	B	19920323		
DK 163662	C	19920831		
FI 8501068	A	19850920	FI 1985-1068	19850318
FI 85265	B	19911213		
FI 85265	C	19920325		
NO 8501059	A	19850920	NO 1985-1059	19850318
NO 168639	B	19911209		
NO 168639	C	19920318		
AU 8540058	A1	19850926	AU 1985-40058	19850318
AU 552119	B2	19860522		
ES 541373	A1	19851216	ES 1985-541373	19850318
HU 37397	A2	19851228	HU 1985-993	19850318
HU 194825	B	19880328		
DD 232265	A5	19860122	DD 1985-274213	19850318
ZA 8501994	A	19861126	ZA 1985-1994	19850318
IL 74630	A1	19880429	IL 1985-74630	19850318
PL 145873	B1	19881130	PL 1985-252433	19850318
SU 1630611	A3	19910223	SU 1985-3869756	19850318
JP 60209565	A2	19851022	JP 1985-55628	19850319
JP 03042270	B4	19910626		
RO 90953	B3	19870227	RO 1985-118054	19850319

09/284,516

L7 ANSWER 31 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 CS 250680 B2 19870514 CS 1985-1921 19850319  
 CN 85101029 A 19870124 CN 1985-101029 19850401  
 CN 1007428 B 19900404  
 US 4665194 A 19870512 US 1985-754318 19850712  
 US 4652658 A 19870324 US 1986-888297 19860722  
 CA 1253490 A2 19890502 CA 1988-566447 19880510  
 JP 03178963 A2 19910802 JP 1990-336861 19901130  
 JP 05025875 B4 19930414  
 DK 9100645 A 19910411 DK 1991-645 19910411  
 DK 165179 B 19921019  
 DK 165179 C 19930301  
 PRIORITY APPLN. INFO.: US 1984-590667 19840319  
 US 1984-684889 19841221  
 CA 1985-476599 19850315  
 EP 1985-301807 19850315  
 US 1985-754318 19850712

OTHER SOURCE(S): CASREACT 104:109466  
 GI

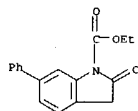


AB The title compds. I [X = H, halo, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy or alkylthio, CF3, Ph, NO2, etc.; Y = H, halo, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy or alkylthio, CF3, XY = 4,5-, 5,6-, or 6,7-ethylene- or methylenedioxy, etc.; R = H or COR1, R1 = C1-6 alkyl, C3-7 cycloalkyl, C4-7 cycloalkenyl, Ph, (un)substituted Ph, heterocyclyl, etc.], useful as intermediates for analgesic and antiinflammatory agents, were prepd. by reaction of an oxindole with ClSO2NCO to the appropriate (chlorosulfonyl)indolecarboxamide which is then hydrolyzed to I. Thus, 1.20 g ClSO2NCO was reacted with 2-oxindole in Et2O, and the residue formed acidified to give 0.18 g 2-oxindole-1-carboxamide.  
 IT 100487-84-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

L7 ANSWER 32 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 104:88427 CA  
 TITLE: 1,3-Di-substituted 2-oxindoles as analgesic and anti-inflammatory agents  
 INVENTOR(S): Kadin, Saul Bernard  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 65 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

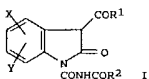
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 153818	A2	19850904	EP 1985-300724	19850204
EP 153818	A3	19860129		
EP 153818	B1	19890315		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4721712	A	19880126	US 1984-670697	19841113
IN 163263	A	19880827	IN 1985-DE42	19850122
RO 90621	B1	19861210	RO 1985-117533	19850204
RO 93218	B3	19871231	RO 1985-121802	19850204
EP 276500	A2	19880803	EP 1987-201673	19850204
EP 276500	A3	19890412		
EP 276500	B1	19910515		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 41420	E	19890415	AT 1985-300724	19850204
CS 252480	B2	19870917	CS 1985-785	19850205
IL 85348	A1	19900118	IL 1985-85348	19850205
FI 8500491	A	19850808	FI 1985-491	19850206
FI 81796	B	19900831		
FI 81796	C	19901210		
DD 234417	A5	19860402	DD 1985-273087	19850206
ZA 8500888	A	19860924	ZA 1985-888	19850206
HU 194166	B	19880128	HU 1985-4686	19850206
HU 39159	A2	19860828		
PL 145196	B1	19880831	PL 1985-251869	19850207
PL 145230	B1	19880831	PL 1985-255466	19850207
PL 145310	B1	19880930	PL 1985-255465	19850207
CS 252498	B2	19870917	CS 1985-8156	19851113
CS 252499	B2	19870917	CS 1985-8157	19851113

L7 ANSWER 31 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 (prepn. and decarboxylation of)  
 RN 100487-84-1 CA  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



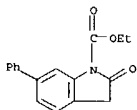
L7 ANSWER 32 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 US 4658037 A 19870414 US 1985-814719 19851230  
 DD 244133 A5 19870325 DD 1986-288635 19860401  
 IN 172535 A 19930918 IN 1987-DE632 19870724  
 CA 1289556 A2 19910924 CA 1989-592243 19890227  
 FI 82448 B 19901130 FI 1989-4363 19890915  
 FI 82448 C 19910311  
 NO 9001351 A 19850808 NO 1990-1351 19900323  
 NO 171018 B 19921005  
 NO 171018 C 19930113  
 PRIORITY APPLN. INFO.: US 1984-577903 19840207  
 US 1984-619861 19840612  
 US 1984-670697 19841113  
 IN 1985-DE42 19850122  
 US 1985-693696 19850122  
 EP 1985-300724 19850204  
 CA 1985-473576 19850205  
 CS 1985-785 19850205  
 IL 1985-74251 19850205  
 FI 1985-491 19850206  
 NO 1985-443 19850206

OTHER SOURCE(S): CASREACT 104:88427  
 GI



AB The title compds. I (R1 = C1-6 alkyl, C3-7 cycloalkyl (un)substituted Ph, phenylalkyl, phenoxyalkyl, naphthyl, (CH2)nOR, Q = heterocyclyl, R = H or C1-3 alkyl, n = 0-2; R2 = C1-6 alkyl, C3-7 cycloalkyl, (un)substituted Ph, heterocyclyl, X = H, halo, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy, C1-4 alkylthio, CF3, etc.; Y = H, halo, C1-4 alkyl, C3-7 cycloalkyl, C1-4 alkoxy, C1-4 alkylthio, CF3; XY = 4,5-, 5,6-, and 6,7-ethylene- or methylenedioxy, etc.) and their salts, useful as analgesic and antiinflammatory agents, were prepd. Thus, 909 mg 3-(2-furoyl)-2-indolone

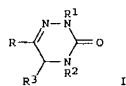
L7 ANSWER 32 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
was refluxed with 706 mg benzoyl isocyanate to give 920 mg  
N-benzoyl-3-(2-furoyl)-2-oxoindole-1-carboxamide.  
IT 100487-84-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(prepn. and decarboxylation of)  
RN 100487-84-1 CA  
CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester  
(9CI) (CA INDEX NAME)



L7 ANSWER 33 OF 47 CA COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 102:149290 CA  
TITLE: Triazine derivatives and pharmaceutical compositions  
comprising them  
INVENTOR(S): Teraji, Teutomu; Shiokawa, Youichi; Okumura, Kazuo;  
Sato, Yoshinari  
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
SOURCE: Eur. Pat. Appl., 80 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

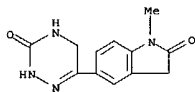
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 122494	A3	19841024	EP 1984-103030	19840320
EP 122494	A3	19861126		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4581356	A	19860408	US 1984-588343	19840312
DK 8401628	A	19840923	DK 1984-1628	19840321
JP 59181275	A2	19841015	JP 1984-55552	19840322
PRIORITY APPLN. INFO.:			GB 1983-7831	19830322
			GB 1983-10437	19830418

GI



AB The triazine deriva. I (R = (un)substituted 1,2,3,4-tetrahydroquinolyl, 2-oxo-1,2,3,4-tetrahydroquinolyl, 2-oxo-1,2-dihydroquinolyl, indolyl, 2-oxindolyl, benzothiazolyl, 2-oxobenzothiazolyl, 3,4-dihydro-1H-2,1-benzothiazinyl in which the S atom may be oxidized, or 3-oxo-2,3-dihydro-4H-1,4-benzoxazinyl; R1 = H, alkenyl, PhCH2, carboxyalkyl, alkoxyalkyl, alkyl; R2, R3 = H, alkyl; R2R3 = bond) were prepd. for treatment of hypertension, thrombosis, and ulcer. Thus, 1-methyl-2-oxo-1,2,3,4-tetrahydroquinoline was treated with 2-phthalimidoacetyl chloride and AlCl3 followed by hydrolysis to give 6-(aminocetyl)-1-methyl-2-oxo-1,2,3,4-tetrahydroquinoline-HCl, which was treated with EtO2CCOCl and the product cyclized with H2NNH2.H2O to give 6-(1-methyl-2-oxo-1,2,3,4-tetrahydroquinolin-6-yl)-4,5-dihydro-1,2,4-

L7 ANSWER 33 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
Triazin-3(2H)-one (II). At 1 mg/kg II reduced the blood pressure in rats  
by 49%. The platelet aggregation inhibition ID50 of II was 3.6 times.  
10-7, and at 32 mg/kg II inhibited ulcers in rats by 80%.  
IT 95657-55-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and platelet aggregation inhibition activity of)  
RN 95657-55-9 CA  
CN 2H-Indol-2-one, 1,3-dihydro-1-methyl-5-(2,3,4,5-tetrahydro-3-oxo-1,2,4-triazin-6-yl)- (9CI) (CA INDEX NAME)



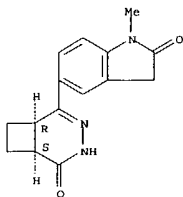
L7 ANSWER 34 OF 47 CA COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 98:143442 CA  
TITLE: 2-Aryl-3,4-diazabicyclo[4.n.0]alk-2-en-5-ones and  
pharmaceuticals containing these compounds  
INVENTOR(S): Roanay, Phillip A.; Thyes, Marco; Franke, Albrecht;  
Koenig, Horst; Gries, Josef; Lehmann, Hans Dieter;  
Lenke, Dieter  
PATENT ASSIGNEE(S): Basf A.-G., Fed. Rep. Ger.  
SOURCE: Ger. Offen., 24 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3124699	A1	19830113	DE 1981-3124699	19810624
US 4474785	A	19841002	US 1982-385272	19820604
CA 1171412	A1	19840724	CA 1982-404625	19820607
IL 66009	A1	19860228	IL 1982-66009	19820608
EP 68310	A1	19830105	EP 1982-105281	19820616
EP 68310	B1	19840808		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 8891	E	19840815	AT 1982-105281	19820616
FI 8202203	A	19821225	FI 1982-2203	19820618
FI 73425	B	19870630		
FI 73425	C	19871009		
DK 8202814	A	19821225	DK 1982-2814	19820623
NO 8202102	A	19821227	NO 1982-2102	19820623
JP 58000975	A2	19830106	JP 1982-106986	19820623
AU 8285153	A1	19830113	AU 1982-85153	19820623
AU 548396	B2	19851212		
ES 513391	A1	19830316	ES 1982-513391	19820623
ZA 8204438	A	19830525	ZA 1982-4438	19820623
HU 30259	O	19840328	HU 1982-2034	19820623
HU 188179	B	19860328		
CS 227692	P	19840514	CS 1982-4710	19820624
PRIORITY APPLN. INFO.:			DE 1981-3124699	19810624
			EP 1982-105281	19820616

OTHER SOURCE(S): CASREACT 98:143442  
GI For diagram(a), see printed CA issue.  
AB The antihypertensive and antithrombotic (no data) title compds. I (R, R1,

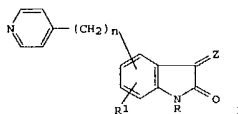
L7 ANSWER 34 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 R2, R3 = H, C1-6 alkyl; m, n = 1, 2, 3) were prepd. Thus, 2-indolinone was treated with cyclobutanedicarboxylic anhydride to give cis-2-(2-oxoindolin-5-ylcarbonyl)cyclobutanecarboxylic acid, which was cyclized with H2NNH2 to give cis-1 (R-R3 = H, m = 2, n = 1).  
 IT 85123-64-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 85123-64-4 CA  
 CN 3,4-Diazabicyclo[4.2.0]oct-4-en-2-one, 5-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



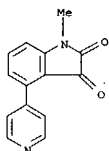
L7 ANSWER 35 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 97:23626 CA  
 TITLE: 1H-Indole-2,3-dione derivatives  
 INVENTOR(S): Lesher, George Y.; Page, Donald F.; Gruett, Monte D.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S., 9 pp, Cont.-in-part of U.S. Ser. No. 130,622, abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4322533	A	19820330	US 1981-225773	19810116
EP 89394	A1	19830928	EP 1982-102416	19820323
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 58167586	A2	19831003	JP 1982-50888	19820329
PRIORITY APPLN. INFO.:			US 1980-130622	19800317
OTHER SOURCE(S):		CASREACT 97:23626		
GI				



AB Title compds. I [R = H, alkyl, hydroxyalkyl, (dialkylamino)alkyl, carbalkoxyalkyl; Z = O, (H,OH), NOH, NNH2, alkylhydrazono, NNHPh, NNHC(S)NH2, NNHC(:NH)NH2, substituted (ammonioacetyl)hydrazono; n = 0, 1; R1 = H, alkyl], useful as bronchodilators (no data), were prepd. Thus, CCl3CHO was treated with 3-(4-pyridyl)aniline, HCl, and HONH2 to give 3-PyC6H4NHCOCH:NOH.HCl (Py = 4-pyridyl), which was heated with H2SO4 to give 4-(4-pyridyl)indoline-2,3-dione.  
 IT 82160-46-1P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 82160-46-1 CA  
 CN 1H-Indole-2,3-dione, 1-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)

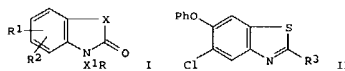
L7 ANSWER 35 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 36 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 95:7266 CA  
 TITLE: 2-Oxo-benzothiazoline, benzoxazoline or indoline derivatives and pharmaceutical compositions  
 comprising  
 Ueda, Ikuro; Matsuo, Masaaki; Satoh, Susumu; Watanabe, Takao  
 Fujisawa Pharmaceutical Co., Ltd., Japan  
 Eur. Pat. Appl., 53 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 22317	A1	19810114	EP 1980-301973	19800611
EP 22317	B1	19830921		
R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
JP 55167282	A2	19801226	JP 1979-74239	19790612
US 4370340	A	19830125	US 1980-155185	19800602
AT 4713	E	19831015	AT 1980-301973	19800611
JP 56097268	A2	19810805	JP 1980-79645	19800612
JP 01014223	B4	19890310		
US 4438126	A	19840320	US 1982-409089	19820818
PRIORITY APPLN. INFO.:			JP 1979-74239	19790612
			GB 1979-44556	19791228
			US 1980-155185	19800602
			EP 1980-301973	19800611

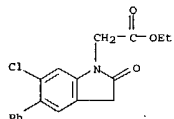
OTHER SOURCE(S): CASREACT 95:7266  
 GI



AB The title compds. I (X = O, S, CH2; X1 = alkylene; R = optionally protected carboxy; R1 = OH, halogen, NO2, NH2, cycloalkyl, aryl, aryloxy; R2 = H, halogen, alkyl) were prepd. Thus 3,4-Cl(PhO)C6H3NH2 was treated with BENCS to give 3,4-Cl(PhO)C6H3NHCSNH2 which was debenzoylated and cyclized with Br to give II (R3 = NH2). Diazotization of II (R3 = NH2) and bromination gave II (R3 = Br) which was hydrolyzed to II (R3 = OH). Treatment of II (R3 = OH) with BrCH2CO2Et gave I (X = S, X1 = CH2, R =

09/284,516

L7 ANSWER 36 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 CO2Et, R1 = 6-PhO, R2 = 5-Cl) which was hydrolyzed to acid. The latter  
 compd. had an aldose reductase-inhibiting ED50 of 5 .times. 10-8M.  
 IT 77859-77-9P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 77859-77-9 CA  
 CN 1H-Indole-1-acetic acid, 6-chloro-2,3-dihydro-2-oxo-5-phenyl-, ethyl  
 ester  
 (9CI) (CA INDEX NAME)

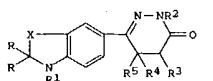


L7 ANSWER 37 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 94:103407 CA  
 TITLE: Antihypertensive pyridazinone compounds  
 INVENTOR(S): Nakao, Toru; Setoguchi, Shinro; Yaoka, Osamu  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
 SOURCE: Brit. UK Pat. Appl., 12 pp.  
 CODEN: BAXXDU  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2031404	A	19800423	GB 1978-40864	19781017

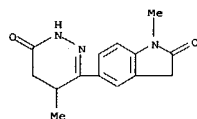
<-- PRIORITY APPLN. INFO.: GB 1978-40864 19781017

GI



AB Pyridazinones I (X = CH2, optionally alkyl-substituted (CH2)2 or CH=CH; R = H or R2 = O; R1 = H, alkyl, alkanoyl, alkylsulfonyl, optionally substituted benzoyl; R2 = H, alkyl, hydroxyalkyl, carbamoylalkyl, naphthylalkyl, oxoalkyl, (CH2)nNR6R7; R6, R7 = H, alkyl or NR6R7 = heterocyclyl; n = 2-3; R3 = H or R3R4 or R3R5 = bond; R4 = H, alkyl, CH2OH, alkanoyloxymethyl; R5 = H, alkyl) were prepd. I inhibit platelet aggregation (assessed in rats and rabbits) and reduce hypertension (assessed in rats). E.g., cyclocondensation of 27 g (4-oxo-4-(indolin-5-yl)-3-methylbutanoic acid hydrochloride with 15 mL N2H4.H2O (EtOH, reflux, 2 h) gave 20 g I (X = CH2, R = R1 = R2 = R3 = R4 = H, R5 = Me).  
 IT 70386-03-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of, as antihypertensive and platelet aggregation inhibitor)  
 RN 70386-03-7 CA  
 CN 2H-Indol-2-one,  
 1,3-dihydro-1-methyl-5-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 37 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



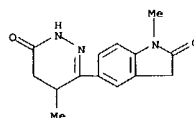
L7 ANSWER 38 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 94:65712 CA  
 TITLE: Antithrombotic and antihypertensive pyridazinone derivatives  
 INVENTOR(S): Nakao, Toru; Setoguchi, Shinro; Yaoka, Osamu  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Fr.  
 SOURCE: Fr. Demande, 25 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2439196	A1	19800516	FR 1978-29496	19781017
US 4258185	A	19810324	US 1980-139625	19800414

<-- PRIORITY APPLN. INFO.: FR 1978-29496 19781017  
 US 1978-952183 19781017

GI For diagram(s), see printed CA Issue.

AB Title pyridazinones I (X = (un)substituted CH2, CH2CH2; X1 = O, CH2; R = H, alkyl, alkanoyl, alkanesulfonyl, Bz; R1 = H, alkyl, hydroxyalkyl, carbamoylalkyl, naphthylalkyl, oxoalkyl, R5R6N(CH2)n (R5, R6 = H, alkyl; R5R6N = heterocycle, i.e. morpholino; n = 2,3); R2 = H, R3 = H, alkyl, HOCH2, alkanoyloxymethyl; R4 = H, alkyl) and their salts were prepd. Thus, the cyclocondensation of indoline II and N2H4 gave I (X = CH2, X1 = O, R = Me, R1-R4 = H). I (X = CH2CH2, X1 = O, R = Me, R1 = R3 = R4 = H, R2 = Me) at 0.03 mg/kg in rats gave 62% inhibition of blood platelet aggregation and was antihypertensive in rats.  
 IT 70386-03-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 70386-03-7 CA  
 CN 2H-Indol-2-one,  
 1,3-dihydro-1-methyl-5-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)

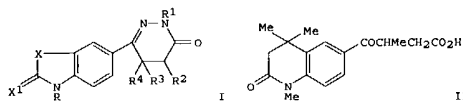


09/284,516

L7 ANSWER 39 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 93:239442 CA  
 TITLE: Pyridazino compounds  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
 SOURCE: Meth. Appl., 22 pp.  
 CODEN: NAXXAN  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Dutch  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 7810396	A	19800421	NL 1978-10396	19781017
PRIORITY APPLN. INFO.:			NL 1978-10396	19781017

GI

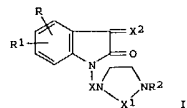


AB Pyridazinones I (X = optionally substituted CH<sub>2</sub>CH<sub>2</sub>, CH=CH; X<sub>1</sub> = O, H<sub>2</sub>; R = H, alkyl, acyl, alkylsulfonyle; R<sub>1</sub> = H, optionally substituted alkyl; R<sub>2</sub> = H, R<sub>3</sub> = H, alkyl, CH<sub>2</sub>OH, acyloxymethyl; R<sub>4</sub> = H, alkyl; R<sub>2</sub>R<sub>3</sub> = bond) were prepd. Thus, 20 g II was treated with N<sub>2</sub>H<sub>4</sub> to give 15.1 g I (X = CH<sub>2</sub>CH<sub>2</sub>, X<sub>1</sub> = O, R = R<sub>4</sub> = Me, R<sub>1</sub>-R<sub>3</sub> = H) which at 3 mg/kg orally in rats caused 59% inhibition of blood platelet aggregation and 48 mm Hg decrease arterial blood pressure.  
 IT 70386-03-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 70386-03-7 CA  
 CN 2H-Indol-2-one.  
 1,3-dihydro-1-methyl-5-[(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)]

L7 ANSWER 40 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 93:220773 CA  
 TITLE: Pharmaceutical isatin derivatives  
 INVENTOR(S): Teraji, Tautomu; Oku, Teruo; Namiki, Takayuki  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 57 pp.  
 CODEN: EPXDXW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 10398	A1	19800430	EP 1979-302158	19791009
EP 10398	B1	19830427		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE	A	19800411	DK 1979-4209	19791005
DK 7904209				
AU 7951576	A1	19800417	AU 1979-51576	19791008
JP 55062064	A2	19800510	JP 1979-130529	19791009
JP 62043992	B4	19870917		
AT 3149	E	19830515	AT 1979-302158	19791009
US 4382934	A	19830510	US 1979-83271	19791010
PRIORITY APPLN. INFO.:			GB 1978-39977	19781010
			EP 1979-302158	19791009

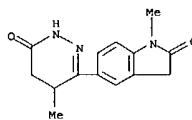
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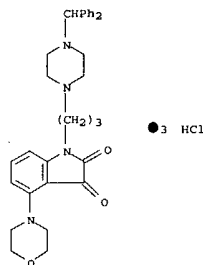
AB Isatins I (X = optionally hydroxylated alkylenes; X<sub>1</sub> = C<sub>1</sub>-3 alkylene; X<sub>2</sub> = O, NOH, alkoxyimino; R, R<sub>1</sub> = H, halogen, alkyl, alkoxy, haloalkyl, acylamino, heterocyclic; RR<sub>1</sub> = CH<sub>2</sub>CH=CH; R<sub>2</sub> = H, optionally substituted alkyl, aryl, acyl, 10,11-dihydro-5H-dibenzo[a,b]cycloheptenyl) were prepd. Thus isatin was treated with Br(CH<sub>2</sub>)<sub>3</sub>Cl and 1-benzhydrylpiperazine to give I [X = (CH<sub>2</sub>)<sub>3</sub>, X<sub>1</sub> = CH<sub>2</sub>CH<sub>2</sub>, X<sub>2</sub> = O, R = R<sub>1</sub> = H, R<sub>2</sub> = CHPh<sub>2</sub>] which at 32 mg/kg orally in guinea pigs gave 100% inhibition of anaphylactic asthma.  
 IT 75590-98-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

Page 23

L7 ANSWER 39 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 40 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)  
 RN 75590-98-6 CA  
 CN 1H-Indole-2,3-dione, 1-[3-[(diphenylmethyl)-1-piperazinyl]propyl]-4-(4-morpholinyl)-, trihydrochloride (9CI) (CA INDEX NAME)

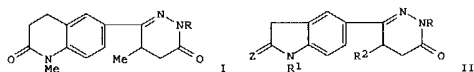


L7 ANSWER 41 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 93:46702 CA  
 TITLE: 2,6-Disubstituted 4,5-dihydro-3(2H)-pyridazinones  
 INVENTOR(S): Nakao, Toru, Setoguchi, Nobuo; Yataka, Osamu  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

L7 ANSWER 41 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)

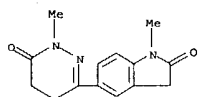
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 54135785	A2	19791022	JP 1978-43465	19780412
JP 62006553	B4	19870212		
PRIORITY APPLN. INFO.:			JP 1978-43465	19780412

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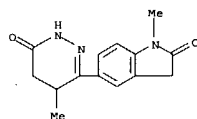
AB Fifteen pyridazinones I [R = Et, Bu, CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>.HCl, (CH<sub>2</sub>)<sub>10</sub>CONH<sub>2</sub>, octadecyl, etc.] or II (R = Me, CH<sub>2</sub>CH<sub>2</sub>OH; R<sub>1</sub>, R<sub>2</sub> = H, Me; Z = H<sub>2</sub>, O), having hypotensive, antithrombotic, and antiallergic activities (no data), were prepd. by cyclization with RNHNH<sub>2</sub> or alkylation of I (R = H). Thus, 2.75 g 4-oxo-4-(1-methyl-2-oxo-1,2,3,4-tetrahydroquinolin-6-yl)-3-methylbutanoic acid was refluxed with 1.5 g H<sub>2</sub>NNHCH<sub>2</sub>CH<sub>2</sub>OH in EtOH for 2 h to give 2.5 g I (R = CH<sub>2</sub>CH<sub>2</sub>OH).

IT 71008-77-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 71008-77-0 CA  
 CN 2H-Indol-2-one,  
 1,3-dihydro-1-methyl-5-(1,4,5,6-tetrahydro-1-methyl-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)



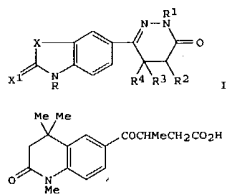
L7 ANSWER 42 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 91:74639 CA  
 TITLE: Pyridazinone derivatives used therapeutically as antithrombotic and antihypertensive agents  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
 SOURCE: Belg., 26 pp.  
 CODEN: BEXXAL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

L7 ANSWER 42 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 871310	A1	19790417	BE 1978-191156	19781017
PRIORITY APPLN. INFO.:			BE 1978-191156	19781017

GI



AB Pyridazinones I (X = optionally substituted CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>, CH=CH; X<sub>1</sub> = O, H<sub>2</sub>, R = H, alkyl, acyl, alkylsulfonyl, optionally substituted R<sub>2</sub>; R<sub>1</sub> = H, alkyl, hydroxyalkyl, carbamoylalkyl, naphthylalkyl, oxoalkyl, aminoalkyl; R<sub>2</sub> = H; R<sub>3</sub> = H, alkyl, CH<sub>2</sub>OH, acyloxymethyl, R<sub>2</sub>R<sub>3</sub> = bond; R<sub>4</sub> = H, alkyl) were prepd. Thus, 20 g II was treated with 10 g N<sub>2</sub>H<sub>4</sub> to give 15.1 g I (X = CH<sub>2</sub>CH<sub>2</sub>, X<sub>1</sub> = O, R = R<sub>3</sub> = Me, R<sub>1</sub> = R<sub>2</sub> = R<sub>4</sub> = H), which at 3 mg/kg orally in rats caused 59% inhibition of blood platelet aggregation and 48 mm Hg decrease in blood pressure.

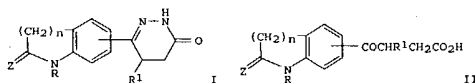
IT 70386-03-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 70386-03-7 CA  
 CN 2H-Indol-2-one,  
 1,3-dihydro-1-methyl-5-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)



L7 ANSWER 43 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 91:5240 CA  
 TITLE: Pyridazine derivatives  
 INVENTOR(S): Nakao, Toru; Setoguchi, Nobuo; Yaoka, Osamu  
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 54016485	A2	19790207	JP 1977-82226	19770708
JP 61047837	B4	19861021		
AT 7807455	A	19790915	AT 1978-7455	19781017
AT 356122	B	19800410		
DE 2845220	A1	19800430	DE 1978-2845220	19781017
PRIORITY APPLN. INFO.:			JP 1977-82226	19770708

GI



AB Thirteen title derivs. I [R = H, alkyl, alkanoyl, (substituted) Bz, alkylsulfonyl; R1 = H, alkyl; n = 1, 2; C:Z = CO, CH2] were prepd., e.g., by reaction of II with N2H4 or its hydrate. I had hypotensive, anti-allergic, and membrane-stabilizing activities (no data). Thus, heating a mixt. of 7 g 4-oxo-4-(1-methyl-2-oxoindolin-5-yl)butanoic acid and 3 mL N2H4.H2O in DMF 4 h at 100 degree. gave 4 g 6-(1-methyl-2-oxoindolin-5-yl)-4,5-dihydro-3(2H)-pyridazinone.

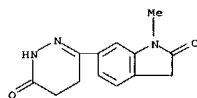
IT 70385-98-7P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 70385-98-7 CA

CN 2H-Indol-2-one, 1,3-dihydro-1-methyl-6-(1,4,5,6-tetrahydro-6-oxo-3-pyridazinyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 43 OF 47 CA COPYRIGHT 2004 ACS on STN (Continued)



L7 ANSWER 44 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 80:19635 CA  
 TITLE: Identification of ajmaline and other indole derivatives by using color reactions  
 AUTHOR(S): Rehse, K.; Bergen, L.  
 CORPORATE SOURCE: Inst. Pharm., Freie Univ. Berlin, Berlin, Fed. Rep. Ger.  
 SOURCE: Deutsche Apotheker Zeitung (1973), 113(40), 1568-71  
 CODEN: DAZE22; ISSN: 0011-9857  
 DOCUMENT TYPE: Journal  
 LANGUAGE: German

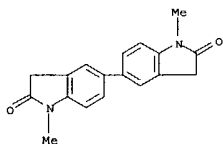
AB Three different parameters of various known color reactions, namely reaction rate, color absorption and the stability of the oxidn. product, can be used for distinguishing the deriva. of ajmaline and N-methylindoline or other indole derivatives.

IT 52200-89-2

RL: PRP (Properties) (physicochem. properties of)

RN 52200-89-2 CA

CN [5,5'-Bi-2H-indole]-2,2'-dione, 1,1',3,3'-tetrahydro-1,1'-dimethyl- (9CI) (CA INDEX NAME)



L7 ANSWER 45 OF 47 CA COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 79:66168 CA  
 TITLE: Antimicrobial (nitrofurfurylidene) oxindoles  
 INVENTOR(S): Scheer, Martin; Berendes, Otto  
 PATENT ASSIGNEE(S): Bayer A.-G.  
 SOURCE: Ger. Offen., 52 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2159361	A1	19730614	DE 1971-2159361	19711130
PRIORITY APPLN. INFO.:			DE 1971-2159361	19711130

GI For diagram(s), see printed CA Issue.

AB Eight oxindoles (I; R = Me or Et; R1 = MeCO or EtCO, R2 = CHO, Ac, COEt, or CO2Et; or NR1R2 = succinimido, phthalimido, or hexahydrophthalimido) were prepd. by reaction of II, with 5-nitrofurfural or by acylation of I (R1 = H or acyl, R2 = H). I were used in vitro and in vivo against gram-pos. and gram-neg. bacteria. I (R = Me, R1 = R2 = Ac) had LD50

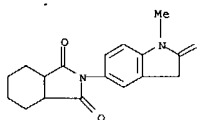
&gt;2000 mg/kg orally in mice.

IT 42544-46-7P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 42544-46-7 CA

CN 1H-Indole-1,3(2H)-dione, 2-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)hexahydro- (9CI) (CA INDEX NAME)

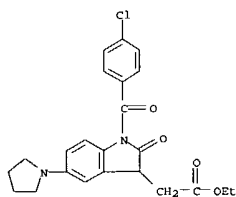


L7 ANSWER 46 OF 47 CA COPYRIGHT 2004 ACS ON STN  
 ACCESSION NUMBER: 72:12566 CA  
 TITLE: 1-Aroyl-2-hydroxy or mercaptoindole-3-alkanoic acids  
 INVENTOR(S): Shen, Taung-Ying  
 PATENT ASSIGNEE(S): Merck and Co., Inc.  
 SOURCE: U.S., 11 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3462450	A	19690819	US 1966-565339	19660629
NL 6708726	A	19680102	NL 1967-8726	19670622
GB 1164923	A	19690924	GB 1967-1164923	19670627
FR 7154	M	19690804	FR 1967-7154	19670922
PRIORITY APPLN. INFO.:			US 1966-565339	19660629

AB The title compds., e.g. Ia and Ib, were prepd. for use as antiinflammatory compds. Thus, 0.02 mole p-MeOC6H4NHCO-CH2Cl heated 1 hr at 225.degree. with 0.04 mole AlCl3 and the residue treated with HCl gave 5-methoxyoxindole (I). 5-Nitrooxindole (0.01 mole), 150 ml MeOH, 15 ml HOAc, and 5 ml 37% aq. HCHO reduced at 40 psi in the presence of 4 g Raney Ni and the mixt. worked up gave 5-dimethylaminoxindole. I (0.05 mole) and 0.07 mole (CO2CH2Ph)2 added to 50 ml C6H6 contg. 1.5 g Na, the mixt. kept 3 hr under N, dild., extd., acidified, the ppt. hydrogenated in 200 ml HOAc contg. 1 ml concd. H2SO4 and 5 g 10% Pd-C, and the residue worked up gave Ia (R = H, R1 = PhCH2) (II). I (0.1 mole) and 0.1 mole .alpha.-acetaminoacrylic acid refluxed 6 hr under N with 0.3 mole Na in 300 ml abs. EtOH, the ppt. worked up, and the product in 7 ml disd. SOCl2 and dry C5H5N in 40 ml abs. Et2O worked up and hydrogenated at 1 atm using 1 g 10% Pd-C gave Me .alpha.-(5-methoxy-3-oxindolyl)propionate. II (0.04 mole) in 150 ml HCONMe2 added to 0.08 mole 51% NaH-mineral oil in 150 ml HCONMe2 and the mixt. treated dropwise with 0.05 mole p-ClC6H4COCl in 50 ml HCONMe2 gave Ia (R = p-ClC6H4CO(A), R1 = Ph-CH2) (III). III (0.04 mole) in 200 ml HOAc and 0.5 ml concd. H2SO4 hydrogenated with 4 g 10% Pd-C at 4 atm and the residue worked up gave Ia (R = A, R1 = H) (IV). Ia (R = A, R1 = Et) (V) (0.35 mole) in 200 ml dry C6H6 refluxed 3 hr with 0.04 mole anhyd. AlBr3 in 800 ml dry C6H6 and the product worked up gave Et [1-(p-chlorobenzoyl)-5-hydroxy-3-oxindolyl]acetate. Et [1-(p-chlorobenzoyl)-5-nitro-3-oxindolyl]acetate (0.023 mole) in 100 ml EtOH hydrogenated at 25.degree. in the presence of 0.3 g Pd-C gave Et [1-(p-chlorobenzoyl)-5-amino-3-oxindolyl]-acetate (VI). VI (0.005 mole) refluxed 6 hr under N with 1 g Br(CH2)4Br and 0.975 g anhyd. Na2CO3 in 80 ml EtOH gave Et [1-(p-chlorobenzoyl)-5-pyrrolidino-3-ox indolyl]acetate.

L7 ANSWER 46 OF 47 CA COPYRIGHT 2004 ACS ON STN (Continued)  
 benzyl ether (XIV). XIV in 50 ml EtOAc hydrogenated under 1 atm H in the presence of 3.0 g Pd-C and the residue treated with 25 ml 2,3-dihydropyran gave .beta.-(5-methoxy-3-indolyl)ethyl tetrahydropyranyl (THP) ether (XV). XV (0.04 mole) treated with 6 g EtMgBr in Et2O and 0.03 mole product treated with 1.3 g S in 50 ml Et2O, the mixt. cooled, 4 g AcCl in 50 ml Et2O added, and the mixt. heated 6 hr on a H2O bath and worked up gave Ib (R = R1 = H, R2 = CH2OTHP) (XVI). XVI (0.01 mole) in 25 ml C5H5N treated with 0.02 mole PhCH2COCl gave Ib (R = H, R2 = PhCH2O2C, R2 = CH2OTHP) (XVII). XVII (0.01 mole) in 150 ml HCONMe2 treated 1 hr at 0.degree. with 0.012 mole 51% NaH-mineral oil in 15 ml HCONMe2, 0.012 mole p-ClC6H4C in 50 ml HCONMe2 added within 30 min, and the mixt. kept 12.5 hr at 0.degree. and worked up gave Ib (R = A, R2 = PhCH2O2C, R3 = CH2OTHP) (XVIII). XVIII treated with dicyclohexylcarbodiimide and Me2SO and the product hydrogenated gave Ib (R = A, R1 = H, R2 = CO2H). Also named were similar compds. which could be similarly prepd.  
 22769-15-9P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 22769-15-9 CA  
 CN 3-Indolineacetic acid, 1-(p-chlorobenzoyl)-2-oxo-5-(1-pyrrolidinyl)-, ethyl ester (8CI) (CA INDEX NAME)



L7 ANSWER 46 OF 47 CA COPYRIGHT 2004 ACS ON STN (Continued)  
 VI (0.02 mole) heated 18 hr to 100.degree. with 9.05 mole ethylene oxide, 0.03 mole HOAc, and 300 ml (MeO)2(CH2)2 gave Et [1-(p-chlorobenzoyl)-5-(.beta.-(5-methoxy-3-oxindolyl)acetate (VII). VII treated with 2 moles p-MeOC6H4SO2Cl in C5H5N and the product treated with MeNH2 gave Et [1-(p-chlorobenzoyl)-5-(4-methyl-1-piperazinyl)-3-oxindolyl]acetate. VII (0.1 mole) and 0.3 mole C5H5N in 300 ml C6H6 refluxed 3 hr with 0.1 mole p-MeOC6H4SO2Cl in 200 ml C6H6 gave Et [1-(p-chlorobenzoyl)-5-(4-morpholinyl)-3-oxindolyl]acetate. IV (0.005 mole) in 100 ml MeOH treated with 0.005 mole NaOH in 50 ml MeOH gave the IV Na salt. IV (0.01 mole) in 100 ml Et2O treated at 0.degree. with 0.01 mole Et2NCH2CH2OH in 50 ml Et2O gave Ia (R = A, R1 = Et2NCH2CH2). I (0.005 mole) in 15 ml Et2O treated within 30 min with cooling with 0.005 mole (COCl)2 in 15 ml anhyd. Et2O, the mixt. kept several hr under N, concd., 0.01 mole NaOEt in 20 ml EtOH added, and the product worked up gave Et (5-methoxy-3-oxindolyl)glyoxalate (VIII). VIII (0.01 mole) heated 3 hr on a steam bath under N with 0.02 mole NH2OH.HCl, 20 ml EtOH, and 5 ml C5H5N, and the mixt. worked up, reduced at 3000 psi in the presence of 1 g 5% Pd-C, and the product worked up gave Et (5-methoxy-3-oxindolyl)-.alpha.-aminoacetate (IX). IX (0.01 mole) heated 5 hr under N with 0.022 mole MeI and 0.03 mole NaHCO3 in 50 ml anhyd. MeOCH2CH2OMe and the residue worked up gave Et (5-methoxy-3-oxindolyl)-.alpha.-(dimethylamino)acetate. p-MeOC6H4NHMH2.HCl (25 g) refluxed 30 min with g benzyl .gamma.,.gamma.-diethoxybutyrate in 250 ml 2N HCl in PhCH2OH, and the product worked up gave Ia (R = H, R1 = PhCH2) (X). X treated as in the prepn. of III gave Ia (R = A, R1 = PhCH2) (XI). XI reduced in the presence of Pd-C with EtOAc contg. HOAc gave IV. IV (0.005 mole) in 20 ml CHCl3 treated at 0.degree. with 0.005 mole MeSOCl in CHCl3 gave Ib (R = A, R1 = Me, R2 = CO2H). V (0.1 mole) refluxed 2 hr with 0.3 mole K in 100 ml dimethoxyethane and 0.12 mole MeBr gave Et [1-(p-chlorobenzoyl)-2,5-dimethoxy-3-indolyl]acetate. ter-Butyl 1-(p-chlorobenzoyl)-2,5-dimethoxy-3-indolylacetate (0.005 mole) heated 1 hr under N with 1 g fine porous chips, and the residue worked up gave 1-(p-chlorobenzoyl)-2,5-dimethoxy-3-indolylacetic acid (XII). XII (0.1 mole) treated 2 hr with 0.005 mole dicyclohexylcarbodiimide gave 1-(p-chlorobenzoyl)-2,5-dimethoxy-3-indolylacetic acid anhydride (XIII). IV treated under N with 0.07 mole ClOACCH2CH2OMe and an equimolar amt. Et3N in 40 ml anhyd. MeOCH2CH2OMe and the mixt. treated 10 hr with NH3 gas gave [1-(p-chlorobenzoyl)-5-methoxy-3-oxindolyl]acetamide. XIII (0.1 mole) in 500 ml dimethoxyethane treated 2 hr under N at 20-5.degree. with 0.1 mole PhCH2ONa in 100 ml dimethoxyethane, and the mixt. worked up gave benzyl 1-(p-chlorobenzoyl)-2,5-dimethoxy-3-indolyl]acetate. p-MeOC6H4NHMH2.HCl (0.1 mole) refluxed 5 hr under N with 0.1 mole benzyl ether of 4,4-dimethoxybutanol and 120 ml iso-PrOH and the mixt. worked up gave .beta.-(5-methoxy-3-indolyl)ethyl

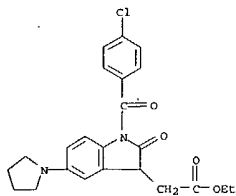
L7 ANSWER 47 OF 47 CA COPYRIGHT 2004 ACS ON STN  
 ACCESSION NUMBER: 71:30357 CA  
 TITLE: .alpha.-(3-Indolyl)alkanoic acids  
 INVENTOR(S): Shen, Taung Ying  
 PATENT ASSIGNEE(S): Merck and Co., Inc.  
 SOURCE: Fr., 18 pp.  
 CODEN: PRXXAK  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1529368		19680614		
PRIORITY APPLN. INFO.:			US	19660629

GI For diagram(s), see printed CA Issue.  
 AB The title compds. were prepd. Thus, p-MeOC6H4NH2 was treated with ClCH2CO2H to give p-(2-chloroacetamido)anisoic, 0.02 mole of which treated at 225.degree. one hr. with 0.04 mole AlCl3 gave 5-methoxyindole. A soln. of 0.05 mole of this in 100 ml. C6H6 was added to a mixt. of 0.07 mole dibenzyl oxalate and 1.5 g. Na in 50 ml. C6H6, and the whole stirred 3 hrs. under N and worked up to give benzyl (5-methoxyisatylidene) (hydroxy)acetate. Hydrogenation of this in H2SO4 over Pd-C gave benzyl (5-methoxy-3-indolyl)acetate. A mixt. of 0.04 mole of this and 150 ml. HCONMe2 was added to a mixt. of 0.08 mole NaH (51% in mineral oil) and 150 ml. HCONMe2, the whole stirred 1 hr. at 0.degree., and 0.05 mole p-ClC6H4COCl added dropwise to give benzyl [1-(p-chlorobenzoyl)-5-methoxy-3-oxindolyl]acetate, 0.04 mole of which, 200 ml. AcOH, 0.5 ml. concd. H2SO4, and 4 g. 10% Pd-C was stirred under 4 atm. H until 1 mole H was absorbed to give [1-(p-chlorobenzoyl)-5-methoxy-3-oxindolyl]acetic acid (I). Alternatively, a mixt. of 0.1 mole p-MeOC6H4NHMH2.HCl, 0.1 mole benzyl 4,4-dimethoxybutyl ether, and 120 ml. iso-PrOH was refluxed 5 hrs. under H to give .beta.-(5-methoxy-3-indolyl)ethyl benzyl ether. Hydrogenation of this in AcOH over Pd-C gave a residue, which, treated with 2,3-dihydropyran and a trace of HCl, gave .beta.-(5-methoxy-3-indolyl)ethyl tetrahydropyranyl ether. The product obtained from 0.04 mole of this and 6 g. EtMgBr was heated with 1.3 g. S in 50 ml. Et2O, 4 g. AcCl in 50 ml. Et2O added to the cooled mixt., and the whole refluxed 6 hrs. and worked up to give .beta.-(2-mercapto-5-methoxy-3-indolyl)ethyl tetrahydropyranyl ether. PhCH2COCl (0.02 mole) was added to a soln. of 0.01 mole of this in 25 ml. pyridine, and the whole refluxed 30 min. to give .beta.-(2-benzoyloxy-carbonylthio-5-methoxy-3-indolyl)-ethyl tetrahydropyranyl ether. Redn. of this with NaH followed by treatment with p-ClC6H4COCl gave the .beta.-[1-(p-chlorobenzoyl)-2-benzoyloxy-carbonylthio-5-methoxy-3-indolyl]ethyl tetrahydropyranyl ether. A mixt. of this and 100 ml. 1% methanolic HCl was stirred 2 hrs. at 5.degree., evapd., the residue dissolved in C6H6, a soln. of 0.04 mole dicyclohexylcarbodiimide, 0.008 mole Me2SO, and 5 ml. 0.1N H3PO4 in 100 ml. C6H6 added, the whole kept 30 min. at room temp., 0.01 mole AgNO3 in 100 ml. EtOH and 10 ml. H2O added, 5 ml. NH4OH added, the whole kept 2 hrs. at 30.degree., H2S bubbled in, the ppt. filtered off, the filtrate evapd., and the residue hydrogenated to give [1-(p-chlorobenzoyl)-2-

09/284,516

L7 ANSWER 47 OF 47 CA COPYRIGHT 2004 ACS on STM (Continued)  
mercapto-5-methoxy-3-indolyliacetic acid (II). The products are useful  
as antipyretics.  
IT 22769-15-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 22769-15-9 CA  
CN 3-Indolineacetic acid, 1-(p-chlorobenzoyl)-2-oxo-5-(1-pyrrolidinyl)-,  
ethyl ester (8CI) (CA INDEX NAME)



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=> file uspatfull

=> s 15

L8            33 L5

=> d ibib fhitstr 1-33

L8 ANSWER 1 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2004:152195 USPATFULL  
 TITLE: Thiodydantoin and use thereof for treating diabetes  
 INVENTOR(S): Boubia, Benaisa, Saint Apollinaire, FRANCE  
 Chaput, Evelyne, Dijon, FRANCE  
 Ou, Khan, Hauteville-les-Dijon, FRANCE  
 Ratel, Philippe, Ahuy, FRANCE

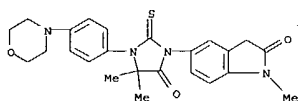
NUMBER	KIND	DATE
US 2004116417	A1	20040617
US 2003-473032	A1	20030926 (10)
WO 2002-FR1167		20020404

NUMBER	DATE
FR 2001-4552	20010404

PATENT INFORMATION: US 2004116417 A1 20040617  
 APPLICATION INFO.: US 2003-473032 A1 20030926 (10)  
 WO 2002-FR1167 20020404

PRIORITY INFORMATION: FR 2001-4552 20010404  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN, 55402-0903

NUMBER OF CLAIMS: 14  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 2546  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 471937-61-8P, 1-(4-(Morpholin-4-yl)phenyl)-3-(1-methyl-2-oxo-2,3-dihydro-1H-indol-5-yl)-5,5-dimethyl-2-thioxo-4-imidazolidinone (drug candidate; prepn. of arom.-substituted thiodydantoin for treatment of diabetes, dyslipidemia, and obesity)  
 RN 471937-61-8 USPATFULL  
 CN 2H-Indol-2-one.  
 5-[4,4-dimethyl-3-[4-(4-morpholinyl)phenyl]-5-oxo-2-thioxo-1-imidazolidinyl]-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 33 USPATFULL on STN (Continued)

L8 ANSWER 2 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2004:114702 USPATFULL  
 TITLE: Fused cyclic succinimide compounds and analogs thereof,  
 INVENTOR(S): modulators of nuclear hormone receptor function  
 Salvati, Mark E., Lawrenceville, NJ, UNITED STATES  
 Attar, Ricardo M., Lawrenceville, NJ, UNITED STATES  
 Gottardis, Marco M., Princeton, NJ, UNITED STATES  
 Balog, James Aaron, Scotch Plains, NJ, UNITED STATES  
 Pickering, Dacia A., Lawrenceville, NJ, UNITED STATES  
 Martinez, Rogelio L., Monmouth Junction, NJ, UNITED STATES  
 Sun, Chongping, East Windsor, NJ, UNITED STATES

NUMBER	KIND	DATE
US 2004087548	A1	20040506
US 2002-75870	A1	20020214 (10)

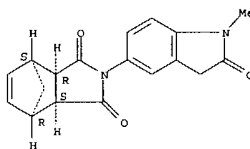
NUMBER	DATE
US 2001-271672P	20010227 (60)

PATENT INFORMATION: US 2004087548 A1 20040506  
 APPLICATION INFO.: US 2002-75870 A1 20020214 (10)

PRIORITY INFORMATION: US 2001-271672P 20010227 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000  
 NUMBER OF CLAIMS: 4  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 7666  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 455273-60-6P (target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolones as modulators of nuclear hormone receptor function)  
 RN 455273-60-6 USPATFULL  
 CN 4,7-Methano-1H-isoindole-1,3(2H)-dione, 2-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)-3a,4,7,7a-tetrahydro-, (3aR,4S,7R,7aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L8 ANSWER 3 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2003:220269 USPATFULL  
 TITLE: Inhibitors of c-Jun N-terminal kinases (JNK)  
 INVENTOR(S): Salituro, Francesco G., Marlboro, MA, UNITED STATES  
 Bemis, Guy W., Arlington, MA, UNITED STATES  
 Wilke, Susanne, Norwich, VT, UNITED STATES  
 Green, Jeremy, Burlington, MA, UNITED STATES  
 Cao, Jingrong, Newton, MA, UNITED STATES  
 Gao, Huai, Natick, MA, UNITED STATES  
 Harrington, Edmund Martin, South Boston, MA, UNITED STATES

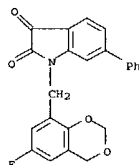
NUMBER	KIND	DATE
US 2003153560	A1	20030814
US 2001-35823	A1	20011023 (10)

PATENT INFORMATION: US 2003153560 A1 20030814  
 APPLICATION INFO.: US 2001-35823 A1 20011023 (10)  
 RELATED APPLN. INFO.: Continuation of Ser. No. WO 2000-US10866, filed on 21 Apr 2000, UNKNOWN

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: VERTEX PHARMACEUTICALS INCORPORATED, 130 Waverly Street, Cambridge, MA, 02139-4242

NUMBER OF CLAIMS: 13  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 1528  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 303743-55-7P (prepn of benzopyrrolone derivs. and related compds. as inhibitors of c-jun n-terminal kinases (JNK))  
 RN 303743-55-7 USPATFULL  
 CN 1H-Indole-2,3-dione, 1-[(5-fluoro-4H-1,3-benzodioxin-8-yl)methyl]-6-phenyl- (9CI) (CA INDEX NAME)



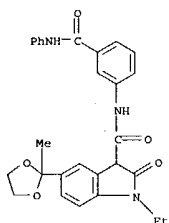
09/284,516

L8 ANSWER 4 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2003:4123 USPATFULL  
 TITLE: Use of glycogen phosphorylase inhibitors  
 INVENTOR(S): Treadway, Judith L., Mystic, CT, UNITED STATES

NUMBER	KIND	DATE
US 2003004162	A1	20030102
US 2001-81335	A1	20010320 (9)

PATENT INFORMATION: US 2000-191381P 20000322 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Gregg C. Benson, Pfizer Inc., Patent Department, MS 4159, Eastern Point Road, Groton, CT, 06340  
 NUMBER OF CLAIMS: 23  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 4011  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 251446-36-3P  
 (intermediate; synthesis of indolyl-amides as glycogen phosphorylase inhibitors for treatment of type 2 diabetes)  
 RN 251446-36-3 USPATFULL  
 CN 1H-indole-3-carboxamide, 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-N-[(3-[(phenylamino)carbonyl]phenyl)-(9CI) (CA INDEX NAME)



L8 ANSWER 5 OF 33 USPATFULL on STN (Continued)

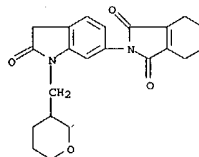
L8 ANSWER 5 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2002:79655 USPATFULL  
 TITLE: Use of derivatives of N-phenyl-3,4,5,6-tetrahydrophthalimide for the desiccation and abscission of plant organs  
 INVENTOR(S): Grossmann, Klaus, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF  
 Mulder, Christiaan E. G., Nelspruit, SOUTH AFRICA  
 Wuerzer, Bruno, Otterstadt, GERMANY, FEDERAL REPUBLIC OF  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

NUMBER	KIND	DATE
US 37664	E1	20020416
US 5045105		19910903 (Original)
US 1996-618334		19960319 (8)
US 1990-481262		19900220 (Original)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-294789, filed on 8 Aug 1994, now abandoned Continuation of Ser. No. US 1993-115595, filed on 3 Sep 1993, now abandoned

NUMBER	DATE
DE 1989-3905916	19890225

PRIORITY INFORMATION: DE 1989-3905916 19890225  
 DOCUMENT TYPE: Reissue  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Pak, John  
 LEGAL REPRESENTATIVE: Keil & Weinkauff  
 NUMBER OF CLAIMS: 5  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
 LINE COUNT: 1168  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 132058-15-2P  
 (prepn. of, as plant defoliants and desiccants)  
 RN 132058-15-2 USPATFULL  
 CN 1H-isoindole-1,3(2H)-dione, 2-[2,3-dihydro-2-oxo-1-[(tetrahydro-2H-pyran-3-yl)methyl]-1H-indol-6-yl]-4,5,6,7-tetrahydro- (9CI) (CA INDEX NAME)



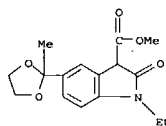
L8 ANSWER 6 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 2002:54655 USPATFULL  
 TITLE: METHOD OF INHIBITION OF HUMAN GLYCOGEN PHOSPHORYLASE  
 INVENTOR(S): RATH, VIRGINIA LEIGH, STONINGTON, CT, UNITED STATES  
 HOOVER, DENNIS JAY, MYSTIC, CT, UNITED STATES  
 AMMIRATI, MARK, STONINGTON, CT, UNITED STATES

NUMBER	KIND	DATE
US 2002031816	A1	20020314
US 1999-369214	A1	19990805 (9)

NUMBER	DATE
US 1998-95790P	19980807 (60)

PRIORITY INFORMATION: US 1998-95790P 19980807 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: PFIZER INC, 150 EAST 42ND STREET, 5TH FLOOR - STOP 49, NEW YORK, NY, 10017-5612  
 NUMBER OF CLAIMS: 17  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 2 Drawing Page(s)  
 LINE COUNT: 2075  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 251446-37-4P  
 (prepn. of inhibitors of human glycogen phosphorylase and their therapeutical applications)  
 RN 251446-37-4 USPATFULL  
 CN 1H-indole-3-carboxylic acid, 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, methyl ester (9CI) (CA INDEX NAME)



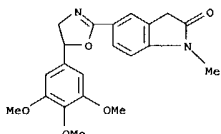
L8 ANSWER 7 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 2001:67679 USPATFULL  
TITLE: Oxazoline antiproliferative agents  
INVENTOR(S): Gwaltney, II, Stephen L., Lindenhurst, IL, United States  
Jae, Hwan-Soo, Glenwood, IL, United States  
Kalvin, Douglas M., Buffalo Grove, IL, United States  
Liu, Gang, Gurnee, IL, United States  
Sham, Hing L., Mundelein, IL, United States  
Li, Qun, Libertyville, IL, United States  
Claiborne, Akiyo K., Mundelein, IL, United States  
Wang, Le, Mundelein, IL, United States  
Barr, Kenneth J., San Francisco, CA, United States  
Woods, Keith W., Libertyville, IL, United States  
Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6228868	B1	20010508
APPLICATION INFO.:	US 1999-360463		19990723 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-94241P	19980727 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Huang, Evelyn Mei	
LEGAL REPRESENTATIVE:	Steele, Gregory W., Donner, B. Gregory	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	3207	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 256935-38-3P  
(prepn. of substituted oxazolines as antiproliferative agents)  
RN 256935-38-3 USPATFULL  
CN 2H-Indol-2-one,  
5-[4,5-dihydro-5-(3,4,5-trimethoxyphenyl)-2-oxazolyl]-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)



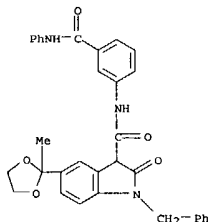
L8 ANSWER 8 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 2000:142378 USPATFULL  
TITLE: Methods of administering AMPA receptor antagonists to treat dyskinesias associated with dopamine agonist therapy  
INVENTOR(S): Chenard, Bertrand L., Waterford, CT, United States  
Welch, Willard M., Mystic, CT, United States  
Menniti, Frank S., Mystic, CT, United States  
Pfizer Inc, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6136812		20001024
APPLICATION INFO.:	US 1998-148974		19980904 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-58098P	19970905 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jarvis, William R. A.	
LEGAL REPRESENTATIVE:	Richardson, Peter C., Ginsberg, Paul H., Konstas, Kristina L.	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2016	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 221151-88-8  
(AMPA antagonists for treatment of dyskinesias assocd. with dopamine agonist therapy)  
RN 221151-88-8 USPATFULL  
CN 1H-Indole-3-carboxamide,  
2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-  
N-[3-[(phenylamino)carbonyl]phenyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



L8 ANSWER 8 OF 33 USPATFULL on STN (Continued)

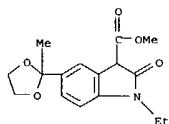
L8 ANSWER 9 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 2000:112694 USPATFULL  
TITLE: Collets for locking tubes in coupling bodies  
INVENTOR(S): Guest, John Derek, "Iona", Canon Hill Way, Bray, Maidenhead SL6 2EX, United Kingdom

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6109664		20000829
APPLICATION INFO.:	US 1998-95790		19980611 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1997-12290	19970612
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Arora, Dave W.	
LEGAL REPRESENTATIVE:	Baker & Daniels	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	147	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 251446-37-4P  
(prepn. of inhibitors of human glycogen phosphorylase and their therapeutical applications)  
RN 251446-37-4 USPATFULL  
CN 1H-Indole-3-carboxylic acid,  
1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, methyl ester (9CI) (CA INDEX NAME)



09/284,516

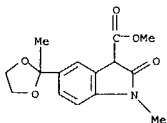
L8 ANSWER 10 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 1999:160079 USPATFULL  
 TITLE: Glycogen phosphorylase inhibitors  
 INVENTOR(S): Hulin, Bernard, Essex, CT, United States  
 Sarges, Reinhard, Mystic, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5998463		19991207
APPLICATION INFO.:	US 1999-251141		19990216 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-76132P	19980227 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Richter, Johann	
ASSISTANT EXAMINER:	Keating, Dominic	
LEGAL REPRESENTATIVE:	Richardson, Peter C., Benson, Gregg C., Gammill, Martha	

NUMBER OF CLAIMS: A.  
 EXEMPLARY CLAIM: 23  
 LINE COUNT: 1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 251446-41-0P

(glycogen phosphorylase inhibitors for treatment of metabolic disorders)  
 RN 251446-41-0 USPATFULL  
 CN 1H-Indole-3-carboxylic acid,  
 2,3-dihydro-1-methyl-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, methyl ester (9CI) (CA INDEX NAME)



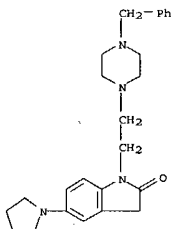
L8 ANSWER 11 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 96:116385 USPATFULL  
 TITLE: Composition containing an oxoindole compound  
 INVENTOR(S): Boar, Bernard R., Letchworth, Great Britain  
 Cross, Alan J., West Byfleet, Great Britain  
 PATENT ASSIGNEE(S): Aktiebolaget Astra, Sodertalje, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5585378		19961217
APPLICATION INFO.:	US 1995-467695		19950606 (8)
RELATED APPL. INFO.:	Continuation of Ser. No. US 1995-417724, filed on 6 Apr		

No. 1995, now abandoned which is a continuation of Ser. US 1992-992407, filed on 17 Dec 1992, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	SE 1991-3752	19911218
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bernhardt, Emily	
LEGAL REPRESENTATIVE:	White & Case	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1489	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 150561-75-4P  
 (prepn. and cholinesterase inhibitory activity of)  
 RN 150561-75-4 USPATFULL  
 CN 2H-Indol-2-one,  
 1,3-dihydro-1-[2-[4-(phenylmethyl)-1-piperazinyl]ethyl]-5-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

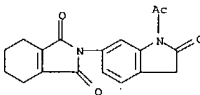


L8 ANSWER 11 OF 33 USPATFULL on STN (Continued)

L8 ANSWER 12 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 93:85087 USPATFULL  
 TITLE: Substituted indolinones useful as herbicidal agents  
 INVENTOR(S): Condon, Michael E., Lawrenceville, NJ, United States  
 Karp, Gary M., Princeton Junction, NJ, United States  
 PATENT ASSIGNEE(S): American Cyanamid Company, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5252536		19931012
APPLICATION INFO.:	US 1991-815674		19911231 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lee, Mary C.		
ASSISTANT EXAMINER:	McKane, Joseph K.		
LEGAL REPRESENTATIVE:	Morris, Michael P.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	655		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 150544-09-5P  
 (prepn. of, as herbicide)  
 RN 150544-09-5 USPATFULL  
 CN 2H-Indol-2-one,  
 1-acetyl-6-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)-1,3-dihydro- (9CI) (CA INDEX NAME)

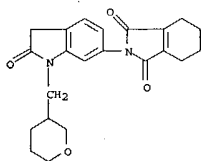




18 ANSWER 13 OF 33 USPTATFULL on STN  
 ACCESSION NUMBER: 91:70867 USPTATFULL  
 TITLE: Use of derivatives of n-phenyl-3,4,5,6-tetrahydrophthalimide for the desiccation and abscission of plant organs  
 INVENTOR(S): Grosseemann, Klaus, Limburgerhof, Germany, Federal Republic of  
 Mulder, Christiaan E. G., Nelspruit, South Africa  
 Wuerzer, Bruno, Otterstadt, Germany, Federal Republic of  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

NUMBER	KIND	DATE
US 5045105		19910903
APPLICATION INFO.: US 1990-481262		19900220 (7)

NUMBER	DATE
PRIORITY INFORMATION: DE 1989-3905916	19890225
DOCUMENT TYPE: Utility	
FILE SEGMENT: Granted	
PRIMARY EXAMINER: Raymond, Richard L.	
ASSISTANT EXAMINER: Pak, John D.	
LEGAL REPRESENTATIVE: Keil & Weinkauff	
NUMBER OF CLAIMS: 4	
EXEMPLARY CLAIMS: 1	
LINE COUNT: 1433	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	
IT 132058-15-2P	
(prepn. of, as plant defoliant and desiccants)	
RN 132058-15-2 USPTATFULL	
CN 1H-isoindole-1,3(2H)-dione,	
2-[2,3-dihydro-2-oxo-1-[(tetrahydro-2H-pyran-3-yl)methyl]-1H-indol-6-yl]-4,5,6,7-tetrahydro-	(9CI) (CA INDEX NAME)

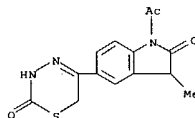


18 ANSWER 14 OF 33 USPTATFULL on STN  
 ACCESSION NUMBER: 90:46560 USPTATFULL  
 TITLE: Thiadiazinone, oxadiazinone and triazinone derivatives, and their use for treating acute or chronic heart disease  
 INVENTOR(S): Martin, Michel, Saint Gregoire, France  
 Nadler, Guy, Saint Gregoire, France  
 Zimmermann, Richard, Saint Gregoire, France  
 PATENT ASSIGNEE(S): Laboratoires Sobio S.A., France (non-U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 4933336		19900612
APPLICATION INFO.: US 1988-230314		19880809 (7)

NUMBER	DATE
PRIORITY INFORMATION: GB 1987-18957	19870811
GB 1988-11276	19880512

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Lee, Mary C.  
 ASSISTANT EXAMINER: Richter, J.  
 LEGAL REPRESENTATIVE: Jacobs & Jacobs  
 NUMBER OF CLAIMS: 24  
 EXEMPLARY CLAIMS: 1,7  
 LINE COUNT: 2264  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 122280-65-3P  
 (prepn. of, as cardiotonic and antiseptic)  
 RN 122280-65-3 USPTATFULL  
 CN 2H-indol-2-one, 1-acetyl-5-(3,6-dihydro-2-oxo-2H-1,3,4-thiadiazin-5-yl)-1,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



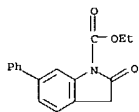
18 ANSWER 15 OF 33 USPTATFULL on STN  
 ACCESSION NUMBER: 89:15063 USPTATFULL  
 TITLE: Analgesic and antiinflammatory 1,3-diacyl-2-oxindole compounds  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 4808601		19890228
APPLICATION INFO.: US 1988-196187		19880519 (7)
RELATED APPLN. INFO.: Division of Ser. No. US 1987-1261, filed on 7 Jan 1987,		

now patented, Pat. No. US 4752609 which is a division of Ser. No. US 1985-747194, filed on 20 Jun 1985, now patented, Pat. No. US 4690943 which is a continuation-in-part of Ser. No. US 1984-652372, filed on 19 Sep 1984, now abandoned

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Ceperley, Mary E.  
 LEGAL REPRESENTATIVE: Richardson, Peter C., Lumb, J. Trevor  
 NUMBER OF CLAIMS: 6  
 EXEMPLARY CLAIMS: 1,4  
 LINE COUNT: 1119  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 100487-84-1P  
 (prepn. and deethoxycarbonylation of)  
 RN 100487-84-1 USPTATFULL  
 CN 1H-indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



18 ANSWER 16 OF 33 USPTATFULL on STN  
 ACCESSION NUMBER: 88:60741 USPTATFULL  
 TITLE: 2-aryl-3,4-diazabicyclo(4.n.0)alk-2-en-5-one for the preparation of an agent for treating cardiac insufficiency  
 INVENTOR(S): Geiss, Karl-Heinz, Beindersheim, Germany, Federal Republic of  
 Rosay, Phillip A., Hilldale, NJ, United States  
 Thyra, Marco, Ludwigshafen, Germany, Federal Republic of  
 Koenig, Horst, Ludwigshafen, Germany, Federal Republic of  
 Lehmann, Hans D., Hirschberg, Germany, Federal Republic of

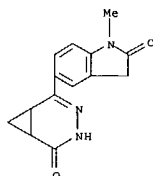
Republic of Traut, Martin, Heidelberg, Germany, Federal Republic of  
 Gries, Josef, Wachenheim, Germany, Federal Republic of  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 4772598		19880920
APPLICATION INFO.: US 1986-914729		19861001 (6)

NUMBER	DATE
PRIORITY INFORMATION: DE 1985-3535170	19851002

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Robinson, Douglas W.  
 LEGAL REPRESENTATIVE: Keil & Weinkauff  
 NUMBER OF CLAIMS: 5  
 EXEMPLARY CLAIMS: 1  
 LINE COUNT: 287  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

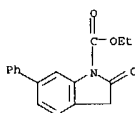
IT 85123-66-6P  
 (prepn. of, as drug for cardiac insufficiency)  
 RN 85123-66-6 USPTATFULL  
 CN 3,4-Diazabicyclo(4.1.0)hept-4-en-2-one, 5-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)- (9CI) (CA INDEX NAME)



L8 ANSWER 16 OF 33 USPATFULL on STN (Continued)

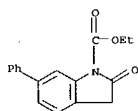
L8 ANSWER 17 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 88:39196 USPATFULL  
 TITLE: Analgesic and antiinflammatory 1,3-diacyl-2-oxindole compounds  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4752609		19880621
APPLICATION INFO.:	US 1987-1261		19870107 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-747194, filed on 20 Jun 1985, now patented, Pat. No. US 4690943 which is a continuation-in-part of Ser. No. US 1984-652372, filed on 19 Sep 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Akers, Lawrence C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	34		
EXEMPLARY CLAIM:	12		
LINE COUNT:	1187		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT	100487-84-1P		
(prepn. and deethoxycarbonylation of)			
RN	100487-84-1 USPATFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		



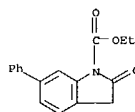
L8 ANSWER 18 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 88:5625 USPATFULL  
 TITLE: 1,3-disubstituted 2-oxindoles as analgesic and anti-inflammatory agents  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4721712		19880126
APPLICATION INFO.:	US 1984-670697		19841113 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-619861, filed on 12 Jun 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-577903, filed on 7 Feb 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Akers, Lawrence C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	45		
EXEMPLARY CLAIM:	27,38		
LINE COUNT:	1644		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT	100487-84-1P		
(prepn. of, as intermediate for oxindole analgesic and antiinflammatory agents)			
RN	100487-84-1 USPATFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		



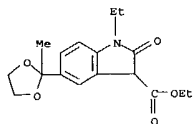
L8 ANSWER 19 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 87:62026 USPATFULL  
 TITLE: Analgesic and antiinflammatory 1,3-diacyl-2-oxindole compounds  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4690943		19870901
APPLICATION INFO.:	US 1985-747194		19850620 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-652372, filed on 19 Sep 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Akers, Lawrence C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1,7,8		
LINE COUNT:	1188		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT	100487-84-1P		
(prepn. and cyclization of)			
RN	100487-84-1 USPATFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		



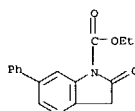
L8 ANSWER 20 OF 33 USPTAFULL on STN  
 ACCESSION NUMBER: 87:56917 USPTAFULL  
 TITLE: Oxindole antiinflammatory agents  
 INVENTOR(S): Melvin, Jr., Lawrence S., Ledyard, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4686224		19870811
APPLICATION INFO.:	US 1985-762998		19850806 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-666953, filed on 31 Oct 1984, now patented, Pat. No. US 4644005		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gerstl, Robert		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Frost, Albert E., McManus, James M.		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1322		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 104018-62-4P			
(prepn. and amidation of)			
RN	104018-62-4 USPTAFULL		
CN	1H-Indole-3-carboxylic acid, 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)		



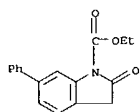
L8 ANSWER 21 OF 33 USPTAFULL on STN  
 ACCESSION NUMBER: 87:34245 USPTAFULL  
 TITLE: Process for making 2-oxindole-1-carboxamides and intermediates therefor  
 INVENTOR(S): Crawford, Thomas C., Ledyard, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4665194		19870512
APPLICATION INFO.:	US 1985-754318		19850712 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1984-684889, filed on 21 Dec 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-590667, filed on 19 Mar 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bruet, Joseph Paul		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Richardson, Peter C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1195		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 100487-84-1P			
(prepn. and decarboxylation of)			
RN	100487-84-1 USPTAFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		



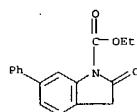
L8 ANSWER 22 OF 33 USPTAFULL on STN  
 ACCESSION NUMBER: 87:26545 USPTAFULL  
 TITLE: Intermediates for 1,3-disubstituted 2-oxindoles as analgesic and antiinflammatory agents  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4658037		19870414
APPLICATION INFO.:	US 1985-814719		19851230 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1985-693696, filed on 22 Jan 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-619861, filed on 12 Jun 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-577903, filed on 7 Feb 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Richardson, Peter C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1434		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 100487-84-1P			
(prepn. and decarboxylation of)			
RN	100487-84-1 USPTAFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		



L8 ANSWER 23 OF 33 USPTAFULL on STN  
 ACCESSION NUMBER: 87:20738 USPTAFULL  
 TITLE: Process for making 2-oxindole-1-carboxamides and intermediates therefor  
 INVENTOR(S): Crawford, Thomas C., Ledyard, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4652658		19870324
APPLICATION INFO.:	US 1986-888297		19860722 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-754318, filed on 12 Jul 1985 which is a division of Ser. No. US 1984-584889, filed on 21 Dec 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-590667, filed on 19 Mar 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bruet, Joseph Paul		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Richardson, Peter C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1213		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 100487-84-1P			
(prepn. and decarboxylation of)			
RN	100487-84-1 USPTAFULL		
CN	1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)		

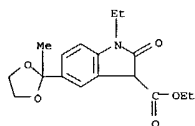


L8 ANSWER 24 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 87:11428 USPATFULL  
 TITLE: Oxindole antiinflammatory agents  
 INVENTOR(S): Melvin, Jr., Lawrence S., Ledyard, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4644005		19870217
APPLICATION INFO.:	US 1984-666953		19841031 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gerrell, Robert		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Frost, Albert E., McManus, James M.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1,6		
LINE COUNT:	1051		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 104018-62-4P

(prepn. and amidation of, by difluoroaniline)  
 RN 104018-62-4 USPATFULL  
 CN 1H-Indole-3-carboxylic acid,  
 1-ethyl-2,3-dihydro-5-(2-methyl-1,3-dioxolan-2-yl)-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



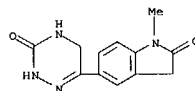
L8 ANSWER 25 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 86:20271 USPATFULL  
 TITLE: Triazine derivatives, and pharmaceutical compositions comprising the same  
 INVENTOR(S): Teraji, Tatsuomi, Osaka, Japan  
 Shiokawa, Youichi, Ibaraki, Japan  
 Okumura, Kazuo, Sakai, Japan  
 Sato, Yoshinari, Takaishi, Japan  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4581356		19860408
APPLICATION INFO.:	US 1984-580343		19840312 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1983-7831	19830322
	GB 1983-10437	19830418
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ford, John M.	
LEGAL REPRESENTATIVE:	Oblon, Fisher, Spivak, McClelland & Maier	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1579	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 95657-55-9P

(prepn. and platelet aggregation inhibition activity of)  
 RN 95657-55-9 USPATFULL  
 CN 2H-Indol-2-one, 1,3-dihydro-1-methyl-5-(2,3,4,5-tetrahydro-3-oxo-1,2,4-triazin-6-yl)- (9CI) (CA INDEX NAME)

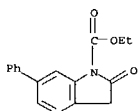


L8 ANSWER 26 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 86:7999 USPATFULL  
 TITLE: N,3-Disubstituted 2-oxindole-1-carboxamides as analgesic and antiinflammatory agents  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4569942		19860211
APPLICATION INFO.:	US 1985-714012		19850322 (6)
DISCLAIMER DATE:	20021203		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-607356, filed on 4 May 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Daus, Donald G.		
ASSISTANT EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Richardson, Peter C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	57		
EXEMPLARY CLAIM:	17,50		
LINE COUNT:	1713		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 100487-84-1P

(prepn. and decarboethoxylation of)  
 RN 100487-84-1 USPATFULL  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

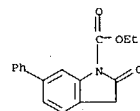


L8 ANSWER 27 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 85:70921 USPATFULL  
 TITLE: 3-Substituted 2-oxindole-1-carboxamides as analgesic and anti-inflammatory agents  
 INVENTOR(S): Kadin, Saul B., New London, CT, United States  
 PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4556672		19851203
APPLICATION INFO.:	US 1984-684634		19841221 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-590659, filed on 19 Mar 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Daus, Donald G.		
ASSISTANT EXAMINER:	Ceperley, Mary E.		
LEGAL REPRESENTATIVE:	Knuth, Charles J., Richardson, Peter C., Lumb, J. Trevor		
NUMBER OF CLAIMS:	65		
EXEMPLARY CLAIM:	20,59		
LINE COUNT:	2048		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 100487-84-1P

(prepn. and decarboethoxylation of)  
 RN 100487-84-1 USPATFULL  
 CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-2-oxo-6-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



09/284,516

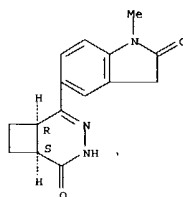
L8 ANSWER 28 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 84:55316 USPATFULL  
 TITLE: 2-Aryl-3,4-diazabicyclo[4.2.0]alk-2-en-5-one, and compositions for treating thermo-embolic disorders  
 INVENTOR(S): Rosey, Phillip A., Ludwigshafen, Germany, Federal Republic of  
 Thyse, Marco, Ludwigshafen, Germany, Federal Republic of  
 Franke, Albrecht, Wachenheim, Germany, Federal Republic of  
 Koenig, Horst, Ludwigshafen, Germany, Federal Republic of  
 Gries, Josef, Wachenheim, Germany, Federal Republic of  
 Lehmann, Hans D., Hirschberg, Germany, Federal Republic of  
 Lenke, Dieter, Ludwigshafen, Germany, Federal Republic of  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4474785		19841002
APPLICATION INFO.:	US 1982-385272		19820604 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1981-312499	19810624
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Daus, Donald G.	
ASSISTANT EXAMINER:	Teoli, Jr., William A.	
LEGAL REPRESENTATIVE:	Keil & Weinkauff	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	563	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 85123-64-4P		
(prepn. of)		
RN	85123-64-4	USPATFULL
CN	3,4-Diazabicyclo[4.2.0]oct-4-en-2-one, 5-(2,3-dihydro-1-methyl-2-oxo-1H-indol-5-yl)-, cis- (9CI) (CA INDEX NAME)	

Relative stereochemistry.

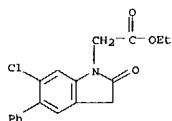
L8 ANSWER 28 OF 33 USPATFULL on STN (Continued)



L8 ANSWER 29 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 84:15827 USPATFULL  
 TITLE: Lower alkanolic acid derivatives of  
 2-oxo-benzoxazolines  
 and aldose reductase inhibiting compositions thereof  
 INVENTOR(S): Ueda, Ikuro, Toyonaka, Japan  
 Matsuo, Masaaki, Toyonaka, Japan  
 Satoh, Susumu, Ikeda, Japan  
 Watanabe, Takao, Mukou, Japan  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4438126		19840320
APPLICATION INFO.:	US 1982-409089		19820818 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1980-155185, filed on 2 Jun 1980, now patented, Pat. No. US 4370340		

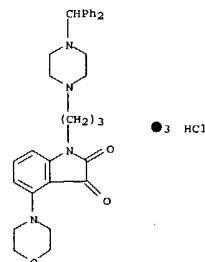
	NUMBER	DATE
PRIORITY INFORMATION:	JP 1979-74239	19790612
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Coughlan, Jr., Paul M.	
ASSISTANT EXAMINER:	Springer, D. B.	
LEGAL REPRESENTATIVE:	Ohlon, Fisher, Spivak, McClelland & Maier	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1,3	
LINE COUNT:	905	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 77859-77-9P		
(prepn. of)		
RN	77859-77-9	USPATFULL
CN	1H-Indole-1-acetic acid, 6-chloro-2,3-dihydro-2-oxo-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)	



L8 ANSWER 30 OF 33 USPATFULL on STN  
 ACCESSION NUMBER: 83:18080 USPATFULL  
 TITLE: Isatin derivatives, processes for the preparation thereof and pharmaceutical composition comprising the same  
 INVENTOR(S): Teraji, Tautomu, Osaka, Japan  
 Oku, Teruo, Osaka, Japan  
 Namiki, Takayuki, Ikeda, Japan  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4382934		19830510
APPLICATION INFO.:	US 1979-83271		19791010 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1978-39977	19781010
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Daus, Donald G.	
ASSISTANT EXAMINER:	Turnipseed, James H.	
LEGAL REPRESENTATIVE:	Ohlon, Fisher, Spivak, McClelland & Maier	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1,16	
LINE COUNT:	1160	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 75590-98-6P		
(prepn. of)		
RN	75590-98-6	USPATFULL
CN	1H-Indole-2,3-dione, 1-[3-(4-(diphenylmethyl)-1-piperazinyl)propyl]-4-(4-morpholinyl)-, trihydrochloride (9CI) (CA INDEX NAME)	



09/284,516

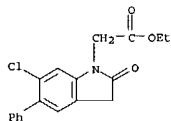
L8 ANSWER 31 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 83:4101 USPATFULL  
TITLE: Benzothiazol-2-one-3-alkanoic acids and esters and  
aldose reductase inhibiting compositions thereof  
INVENTOR(S): Ueda, Ikuo, Toyonaka, Japan  
Matsuo, Masaaki, Toyonaka, Japan  
Sato, Susumu, Ikeda, Japan  
Watanabe, Takao, Mukou, Japan  
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4370340		19830125
APPLICATION INFO.:	US 1980-155185		19800602 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1979-74239	19790612
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Daus, Donald G.	
ASSISTANT EXAMINER:	Springer, D. B.	
LEGAL REPRESENTATIVE:	Obion, Fisher, Spivak, McClelland & Maier	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1,4	
LINE COUNT:	921	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 77859-77-9P

(prepn. of)  
RN 77859-77-9 USPATFULL  
CN 1H-Indole-1-acetic acid, 6-chloro-2,3-dihydro-2-oxo-5-phenyl-, ethyl  
ester  
(9CI) (CA INDEX NAME)

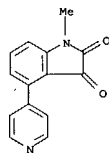


L8 ANSWER 32 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 82:15130 USPATFULL  
TITLE: 1H-Indole-2,3-dione derivatives  
INVENTOR(S): Leasher, George Y., R.D. 1, Box 268, East Greenbush,  
NY.  
United States 12061  
Page, Donald F., 21 Alva St., East Greenbush, NY.  
United States 12061  
Gruett, Monte D., Box 304A, Elliot Rd., East  
Greenbush,  
NY, United States 12061

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4322533		19820330
APPLICATION INFO.:	US 1981-225773		19810116 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1980-130622, filed on 17 Mar 1980, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Brust, Joseph Paul		
LEGAL REPRESENTATIVE:	Webb, William G., Wyatt, B. Woodrow		
NUMBER OF CLAIMS:	48		
EXEMPLARY CLAIM:	1,30		
LINE COUNT:	816		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 82160-46-1P

(prepn. of)  
RN 82160-46-1 USPATFULL  
CN 1H-Indole-2,3-dione, 1-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)



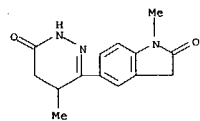
L8 ANSWER 33 OF 33 USPATFULL on STN  
ACCESSION NUMBER: 81:16513 USPATFULL  
TITLE: Pyridazinone compounds  
INVENTOR(S): Nakao, Toru, Nakatsu, Japan  
Setoguchi, Shinro, Fukuoka, Japan  
Yaoka, Osamu, Fukuoka, Japan  
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Osaka,  
Japan  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4258185		19810324
APPLICATION INFO.:	US 1980-139625		19800414 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1978-952183, filed on 17 Oct 1978, now abandoned		

DOCUMENT TYPE:	Utility
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Daus, Donald G.
ASSISTANT EXAMINER:	Turnipspeed, James H.
LEGAL REPRESENTATIVE:	Sughrue, Rothwell, Mion, Zinn and Macpeak
NUMBER OF CLAIMS:	15
EXEMPLARY CLAIM:	1
LINE COUNT:	633

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 70386-03-7P

(prepn. of)  
RN 70386-03-7 USPATFULL  
CN 2H-Indol-2-one,  
1,3-dihydro-1-methyl-5-(1,4,5,6-tetrahydro-4-methyl-6-oxo-  
3-pyridazinyl)- (9CI) (CA INDEX NAME)



09/284,516

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FILE 'REGISTRY' ENTERED AT 14:56:10 ON 20 SEP 2004

L1 STRUCTURE UPLOADED

L2 346 S L1 FULL

FILE 'CA' ENTERED AT 14:56:28 ON 20 SEP 2004

L3 187 S L2

FILE 'REGISTRY' ENTERED AT 14:56:41 ON 20 SEP 2004

L4 STRUCTURE UPLOADED

L5 110 S L4 FULL

FILE 'CA' ENTERED AT 15:00:25 ON 20 SEP 2004

L6 57 S L5

L7 47 S L6 AND PY<2000

FILE 'USPATFULL' ENTERED AT 15:01:17 ON 20 SEP 2004

L8 33 S L5

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Executing the logoff script...

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STN INTERNATIONAL LOGOFF AT 15:01:59 ON 20 SEP 2004